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1990-91

CAPITAL CONSTRUCTION PROGRAM

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Helena, Montana 59620
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TED SCHWINDEN
GOVERNOR

December 9, 1988

Members of the Fifty-First Session
of the Legislative Assembly
State of Montana
State Capitol Building
Helena, MT 59620

Legislators:

I am pleased to present the requests of the state agencies for Capital Construction Projects, in accordance with Section 17-7-201-204, MCA, and Section 18-2-102, MCA. All the requests have been carefully reviewed and my recommendations for the program are included as part of the 1990 - 1991 Executive Budget.

The projects recommended in the Capital Construction Program for the next biennium emphasize the repair and improvement of existing state facilities.

Sincerely,

TED SCHWINDEN
Governor

DEPARTMENT OF ADMINISTRATION
DIRECTOR'S OFFICE

TED SCHWINDEN, GOVERNOR

MITCHELL BUILDING

STATE OF MONTANA

(406) 444-2032

HELENA, MONTANA 59620

December 8, 1988

Honorable Ted Schwinden
Governor
State of Montana
State Capitol Building
Helena, MT 59602

Dear Governor Schwinden:

In accordance with Section 17-7-201 through 17-7-204 and Section 18-2-102, MCA we submit the agency requests for the Capital Construction Program for the 1990 - 1991 Biennium.

The Facility Planning Bureau of the Architecture & Engineering Division has solicited the needs of all State institutions, university system and agencies. We reviewed all facility requests and we recommend the Capital Construction Program for inclusion in your Executive Budget as described in the following pages.

Sincerely,

Thomas B. O'Connell

THOMAS B. O'CONNELL, Administrator
Architecture & Engineering Division

Ellen Feaver

ELLEN FEAVER, DIRECTOR
Department of Administration

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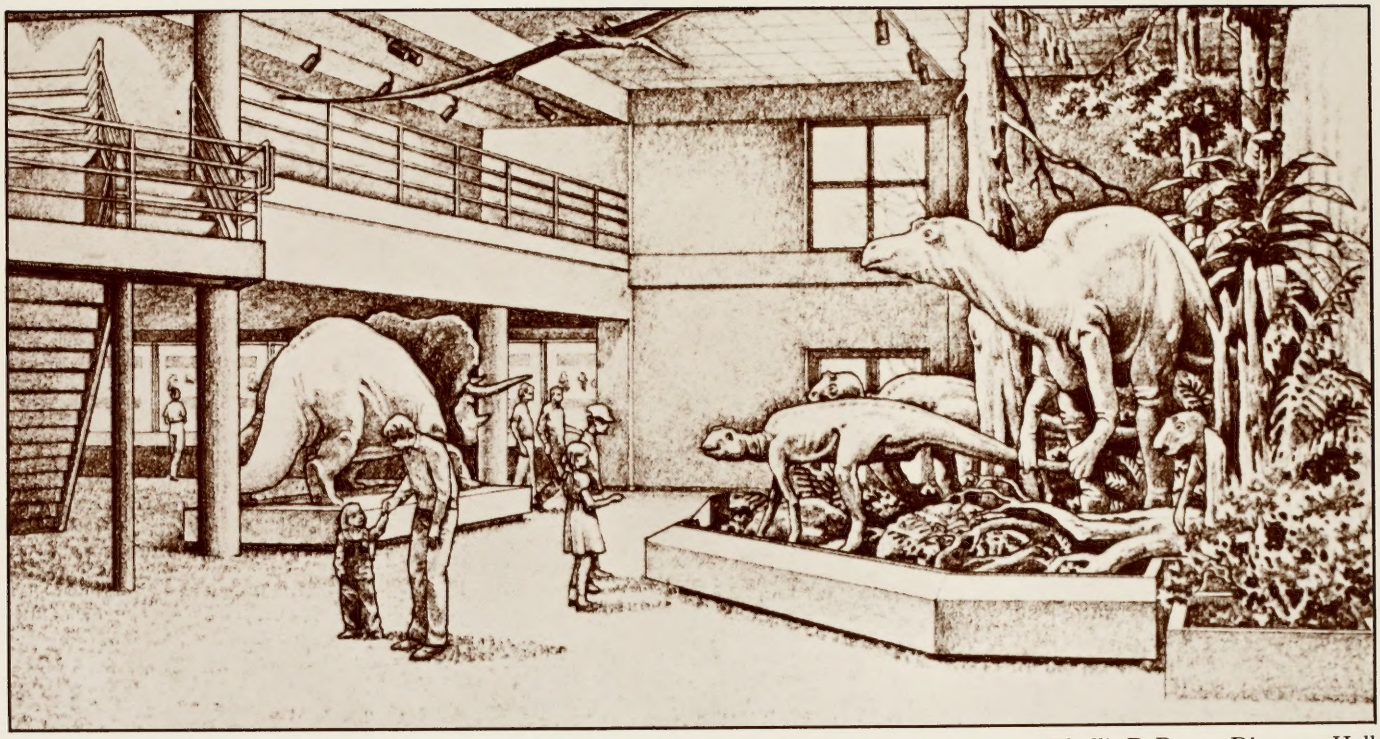


Phyllis B. Berger Dinosaur Hall

PRIORITY LISTING

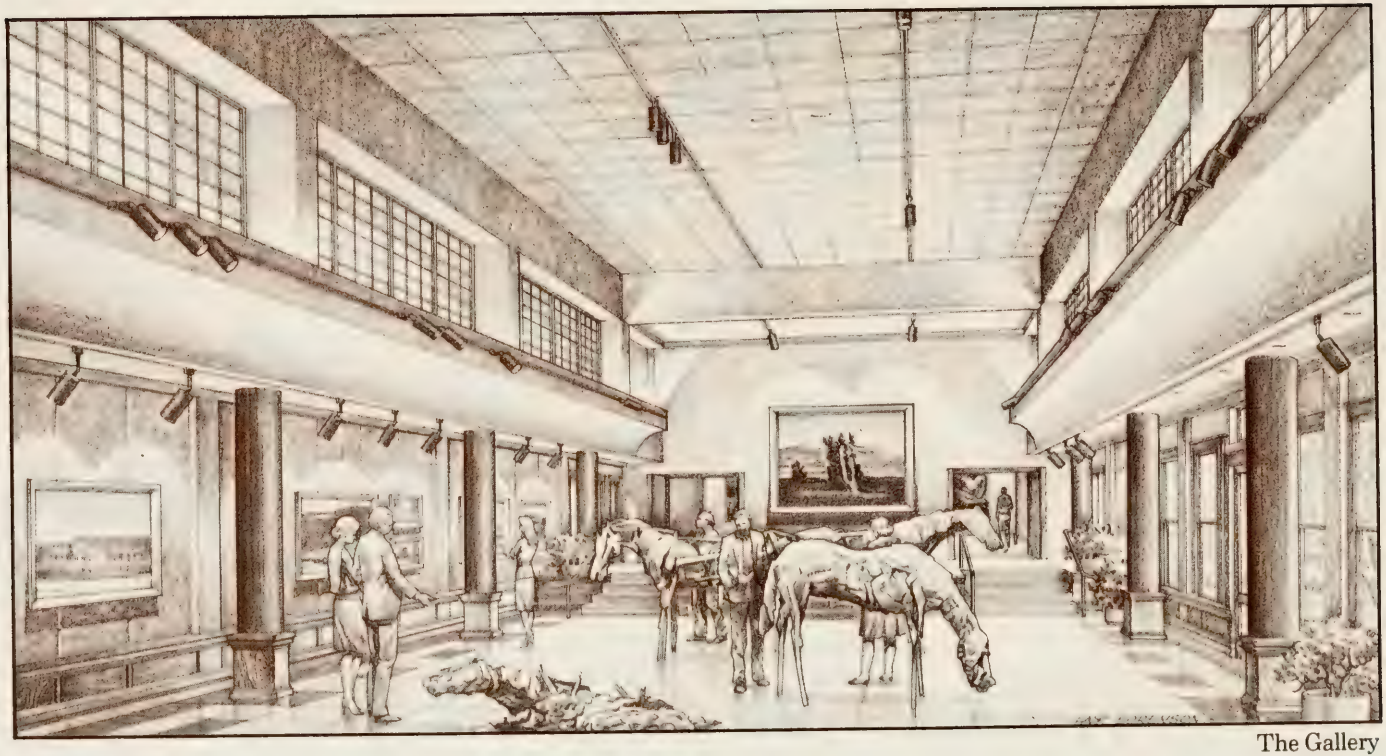
LONG RANGE BUILDING PROGRAM

1990 - 1991 Biennium

The Long Range Building Program was initiated in 1965 to provide funding to construct and maintain all State Buildings. In recent years, the building program has been funded from both current (cash) revenues and general obligation bonds derived from dedicated portions of the cigarette tax and the general fund. The program is supplemented from other funding sources such as earmarked revenue, federal and private revenue and the University System plant funds.

The Long Range Building Program for the 1990 - 1991 biennium will utilize the earmarked cigarette tax to carry out a needed effort to repair and improve existing facilities. This building program will also provide the Legislature the opportunity to authorize the sale of Long Range Building Bonds for construction of several projects for the Department of Fish, Wildlife & Parks. The following pages of the Capital Construction Program contain a priority listing of recommended projects with a brief description of each project and estimated costs.

The Capital Construction Program, 1990 - 1991, is a publication by the Department of Administration, Architecture and Engineering Division, and is considered a part of the Executive Budget. Additional information on all of the projects is available through the Department of Administration.



The Gallery

CAPITOL CONSTRUCTION PROGRAM PROPOSAL

PRIORITY LISTING

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
1.	Construct Low Security Housing Unit, Montana State Prison	05007	$1,184,600				$1,184,600
2.	Building Modifications & Exterior Lighting, Center for the Aged	05007	$45,396				$45,396
3.	Maintain Water Towers and Systems, Statewide	05007	$450,000				$450,000
4.	Carpet Replacement, Administration Building, Missoula Vo Tech Center	05007	$80,000				$80,000
5.	Hazardous Material Abatement, 1989 Statewide	05007	$200,000				$200,000
6.	Roof Replacement/Repair, Department of Institutions	05007	$352,500				$352,500
7.	Replace/Repair Roof Custer Lodge, Pine Hills School	05007	$155,000				$155,000
8.	Replace Roofs, Montana University System	05007	$394,900				$394,900
9.	Roof Repair, Academic Building, Montana School for the Deaf and Blind	05007	$10,000				$10,000

PRIORITY LISTING

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
10.	Modify Elevator AJM Johnson Hall, Montana State University	05007	$93,200				$93,200
11.	Boiler Room Water Softeners, Montana State Hospital, Galen	05007	$45,000				$45,000
12.	Equipment for Remodeled 16AB&C Cottage, Montana Developmental Center	05007	$88,000				$88,000
13.	Replace Hospital Floors, Montana State Hospital, Galen	05007	$20,000				$20,000
14.	Electrical Distribution System, Phase II, Montana State University	05007 07037	$671,700			$949,500	$1,621,200
15.	Major Maintenance, Water Mains, University of Montana	05007	$130,000				$130,000
16.	Exterior Door and Vestibules, Western Montana College	05007	$14,000				$14,000
17.	Window Retrofit, Engineering Hall, Montana Tech	05007	$132,750				$132,750

PRIORITY LISTING

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
18.	Contingent on Available Funds, Maintenance and Improvement Projects, Statewide, Department of State Lands	05007	$34,200				$34,200
19.	Remodel Grain Laboratory, Great Falls	02453		$45,500			$45,500
20.	Kokanee Salmon Facility	27154 53197		$225,000		$291,560	$516,560
21.	Yellowstone Road Improvement, Glendive	02409 03097		$3,965	$11,897		$15,862
22.	Fishing Access Sites Improvement, Statewide	02409 03097		$100,000	$300,000		$400,000
23.	Engineering Study, Bearpaw Dam, Havre	02409 03097		$25,000	$75,000		$100,000
24.	Clearwater Fish Barrier Alterations, Seeley Lake	02409 03097		$25,000	$75,000		$100,000
25.	Dam Inspection, Statewide	02409		$30,000			$30,000
26.	Construct Region 2 Headquarters Storage, Missoula	02409		$25,920			$25,920
27.	Wildlife Habitat Acquisition, Statewide	02409		$5,226,400			$5,226,400

PRIORITY LISTING

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
28. Waterfowl Habitat Enhancement, Statewide	02085		$424,500			$424,500
29. Bighorn Sheep Habitat Acquisition, Statewide	02086		$211,600			$211,600
30. Boat Facilities, Statewide	02409 03097		$300,423	$901,270		$1,201,693
31. State Park Maintenance and Development, Statewide	02408 03098		$160,000	$160,000		$320,000
32. State Property Improvement, Statewide	02410		$265,037			$265,037
33. Fishing Access Site Acquisition, Statewide	02415		$525,755			$525,755
34. Donation Authority, East Gallatin Park, Bozeman	03098				$100,000	$100,000
35. Construction Authority, Lewis and Clark Caverns, Whitehall	03098				$75,000	$75,000
36. Maintenance Projects, Statewide	02422		$750,000			$750,000
37. Maintenance Section Headquarters Complex, Bridger	02422		$140,460			$140,460

PRIORITY LISTING

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
38.	Construct Sandhouses at Helena Headquarters, Lincoln & Cascade Section	02422		$118,800			$118,800
39.	Land Acquisition, Kalispell	02422		$80,000			$80,000
40.	Headquarters Renovation, Glendive	02422		$72,480			$72,480
41.	Construct Equipment Storage Additions, Standford, Shelby, Lewistown, Miles City Wolf Point, and Alberton	02422		$419,480			$419,480
42.	Supervisor Housing Units, Montana State Prison Ranch	06533		$135,000			$135,000
43.	Tin Cup Joe Irrigation System, Montana State Prison Ranch	06533		$200,000			$200,000
44.	Acquisition of Arcade Building, Lower Level, Helena	02455		$50,000			$50,000
45.	Power Supply Project, Workers' Compensation, Helena	02455		$26,000			$26,000
46.	HVAC Replacement and Major Maintenance, Helena Job Service	03128			$53,600		$53,600

PRIORITY LISTING

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
47.	Repair Settling Damage, Great Falls Job Service	03128			$50,000		$50,000
48.	Heating Unit Replacement, Missoula Job Service	03128			$50,000		$50,000
49.	Construct/Purchase, Butte Job Service	03128			$211,000		$211,000
50.	Parking Lot Construction, Havre Job Service	03128			$10,000		$10,000
51.	Basement Renovation, Bozeman Job Service	03128			$100,000		$100,000
52.	Interagency Fire Center and Hanger, Helena	03068				$54,800	$54,800
53.	Nursery Freezer and Cooler, Missoula	02031		$24,000			$24,000
54.	Nursery Shop Building, Missoula	02031		$101,000			$101,000
55.	Nursery Storage Building, Missoula	02031		$22,000			$22,000
56.	Federal Spending Authority	05009			$300,000		$300,000
57.	Oil and Gas Division Addition, Billings	02432			$116,950		$116,950

PRIORITY LISTING

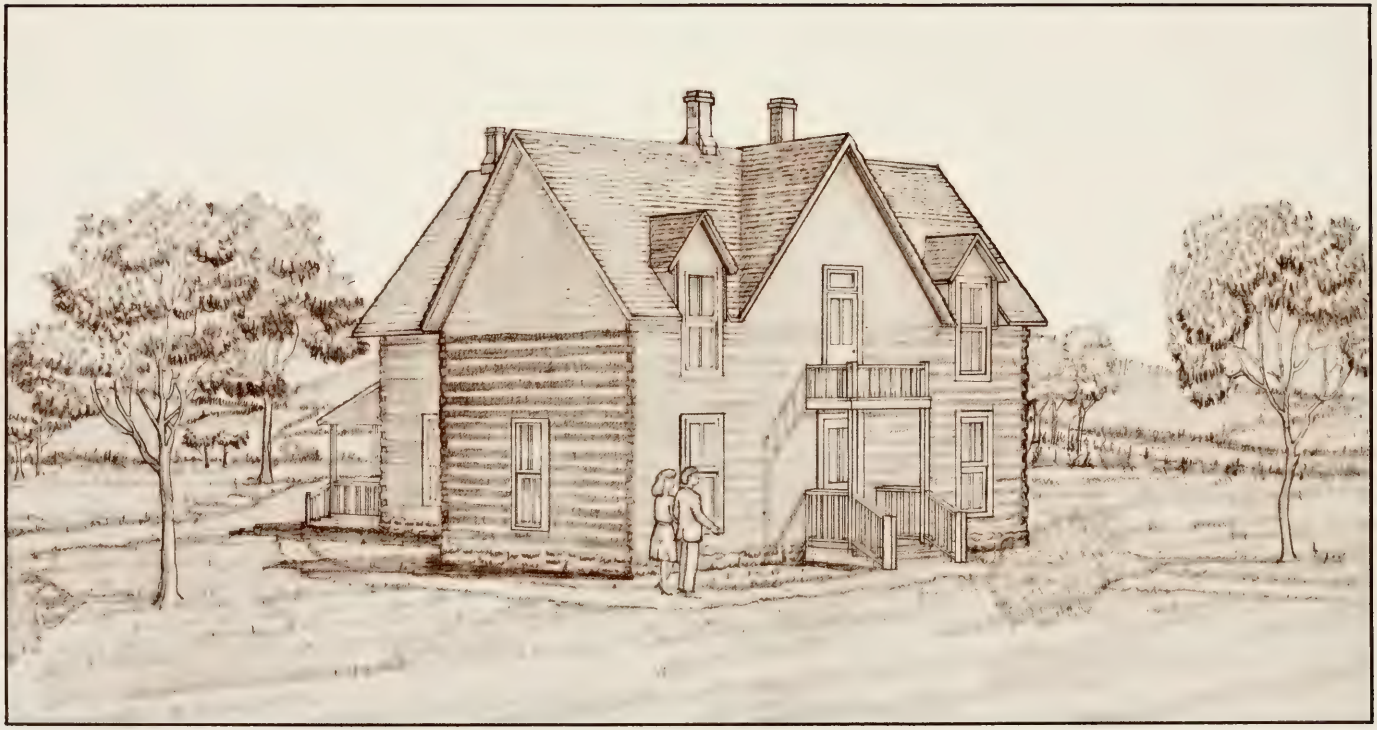
CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
58.	Maintain Liquor Warehouse Roof	06005				$170,000	$170,000
59.	P.E. Roof Replacement, Western Montana College	05014				$230,000	$230,000
60.	SUB Remodeling, Western Montana College	05014				$502,000	$502,000
61.	Miscellaneous Projects, University of Montana	73100				$172,900	$172,900
62.	Centennial Mall, Montana State University	71213				$650,000	$650,000
	TOTAL CASH PROJECTS		$4,101,246	$9,733,320	$2,414,717	$3,195,760	$19,445,043

PRIORITY LISTING

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH BONDED DEBT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
63.	Region 7 Headquarters Construction, Fish, Wildlife & Parks, Miles City	02409		$950,000			$950,000
64.	Hatchery Construction and Renovations, Fish, Wildlife & Parks, Anaconda, Arlee, Lewistown	02409 03097		$648,200	$1,944,600		$2,592,800
65.	Improve South Sandstone Dam, Fish, Wildlife & Parks, Plevna	02409 03097		$400,000	$1,200,000		$1,600,000
	TOTAL BONDED PROJECTS		$0	$1,998,200	$3,144,600	$0	$5,142,800
	TOTAL LONG RANGE BUILDING PROGRAM		$4,101,246	$11,731,520	$5,559,317	$3,195,760	$24,587,843



Tinsley Home

PROJECT DESCRIPTION BY AGENCY

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
DEPARTMENT OF ADMINISTRATION							
3.	MAINTAIN WATER TOWERS AND SYSTEMS, STATEWIDE Recoat and repair water towers to prevent deterioration, and assure a reliable supply of water.	05007	$450,000				$450,000
5.	HAZARDOUS MATERIAL ABATEMENT, 1989 STATEWIDE Remove or encapsulate friable asbestos material located in buildings throughout the State, and address other hazardous materials as necessary.	05007	$200,000				$200,000
TOTAL - Department of Administration			$650,000	$0	$0	$0	$650,000

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
DEPARTMENT OF AGRICULTURE - PLANT INDUSTRY DIVISION							
19.	REMODEL GRAIN LABORATORY, GREAT FALLS Remodel Grain Laboratory to accommodate the NIR Protein System and to meet FGIS Protein Testing Facilities requirements.	02453		$45,500			$45,500
TOTAL - Department of Agriculture			$0	$45,500	$0	$0	$45,500
DEPARTMENT OF EDUCATION - MONTANA SCHOOL FOR THE DEAF AND BLIND							
9.	ROOF REPAIR, ACADEMIC BUILDING, MSD&B Repair roof to prevent leakage and further interior damage to the structure and its contents.	05007	$10,000				$10,000
TOTAL - Department of Education			$10,000	$0	$0	$0	$10,000

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
DEPARTMENT OF FAMILY SERVICES							
7.	REPLACE/REPAIR ROOF CUSTER LODGE, PINE HILLS SCHOOL Replace roof with sloped system to prevent leakage and further damage to structure and contents.	05007	$155,000				$155,000
TOTAL - Department of Family Services			$155,000	$0	$0	$0	$155,000
DEPARTMENT OF FISH, WILDLIFE AND PARKS							
20.	KOKANEE SALMON FACILITY Develop Kokanee hatchery to meet statewide management needs.	27154 53197		$225,000		$291,560	$516,560
21.	YELLOWSTONE ROAD IMPROVEMENT, GLENDIVE Upgrade access road to the Yellowstone River to facilitate collection of walleye eggs.	02409 03097		$3,965	$11,897		$15,862

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
22. FISHING ACCESS SITES IMPROVEMENT, STATEWIDE Improve fishing access sites to protect property investment and the environment of the sites.	02409 03097		$100,000	$300,000		$400,000
23. ENGINEERING STUDY, BEARPAW DAM, HAVRE Conduct engineering study to determine the physical integrity of the structure.	02409 03097		$25,000	$75,000		$100,000
24. CLEARWATER FISH BARRIER ALTERATIONS, SEELEY LAKE Enlarge, repair or breach existing structure to eliminate potential flooding hazard.	02409 03097		$25,000	$75,000		$100,000
25. DAM INSPECTION, STATEWIDE Conduct an engineering analysis to determine the physical integrity of the structures located throughout the state.	02409		$30,000			$30,000

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
26.	CONSTRUCT REGION 2 HEADQUARTERS STORAGE, MISSOULA Construct storage shed to protect Department equipment from deterioration resulting from exposure to the elements.	02409		$25,920			$25,920
27.	WILDLIFE HABITAT ACQUISITION, STATEWIDE Acquire land to meet recreation demands of the public and maintain wildlife populations.	02409		$5,226,400			$5,226,400
28.	WATERFOWL HABITAT ENHANCEMENT, STATEWIDE Construct additional waterfowl habitats and provide improvements to existing habitats to help increase Montana waterfowl production.	02085		$424,500			$424,500
29.	BIGHORN SHEEP HABITAT ACQUISITION, STATEWIDE Acquire additional habitat for Bighorn sheep to provide for future expansion of sheep populations.	02086		$211,600			$211,600

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
30.	BOAT FACILITIES, STATEWIDE Provide boat access and facilities statewide.	02409 03097		$300,423	$901,270		$1,201,693
31.	STATE PARK MAINTENANCE AND DEVELOPMENT, STATEWIDE Maintain and develop sites statewide to protect from deterioration and to better serve the public.	02408 03098		$160,000	$160,000		$320,000
32.	STATE PROPERTY IMPROVEMENT, STATEWIDE Construct roads, fences, etc., to provide basic improvements to Department property.	02410		$265,037			$265,037
33.	FISHING ACCESS SITE ACQUISITION, STATEWIDE Acquire property to provide sites statewide for fishing access and recreation.	02415		$525,755			$525,755
34.	DONATION AUTHORITY, EAST GALLATIN PARK, BOZEMAN Establish authority to accept donations for development of facilities and improvements of park resources.	03098				$100,000	$100,000

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
35.	CONSTRUCTION AUTHORITY, LEWIS AND CLARK CAVERNS, WHITEHALL Establish authority to accept private construction.	03098				$75,000	$75,000
TOTAL - Department of Fish, Wildlife & Parks			$0	$7,548,600	$1,523,167	$466,560	$9,538,327
DEPARTMENT OF HIGHWAYS - MAINTENANCE AND EQUIPMENT DIVISION							
36.	MAINTENANCE PROJECTS, STATEWIDE Provide improvements and repairs to existing facilities statewide.	02422		$750,000			$750,000
37.	MAINTENANCE SECTION HEADQUARTERS COMPLEX, BRIDGER Construct a new Section Headquarters to accommodate new equipment and replace inadequate existing facility.	02422		$140,460			$140,460

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
38.	CONSTRUCT SANDHOUSES AT HELENA HEADQUARTERS, LINCOLN INTERCHANGE & CASCADE SECTION Construct Sandhouses to store sand for winter maintenance.	02422		$118,800			$118,800
39.	LAND ACQUISITION, KALISPELL Acquire land adjacent to existing Kalispell Headquarters to provide for future expansion.	02422		$80,000			$80,000
40.	HEADQUARTERS RENOVATION, GLENDIVE Renovate Glendive district headquarters shop to reduce energy and maintenance costs.	02422		$72,480			$72,480
41.	CONSTRUCT EQUIPMENT STORAGE ADDITIONS, STANFORD, SHELBY, LEWISTOWN, MILES CITY, WOLF POINT AND ALBERTON Increase storage capacity and office space and improve working conditions and energy efficiency at various locations.	02422		$419,480			$419,480
TOTAL - Department of Highways			$0	$1,581,220	$0	$0	$1,581,220

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
DEPARTMENT OF INSTITUTIONS							
1.	CONSTRUCT LOW SECURITY HOUSING UNIT, MSP Construct a low security housing unit with prison labor to reduce present overcrowding and accommodate projected population increases.	05007	$1,184,600				$1,184,600
2.	BUILDING MODIFICATIONS & EXTERIOR LIGHTING, CENTER FOR THE AGED Convert F wing to a "protective" wing and install additional exterior lighting to assure proper care and supervision of residents.	05007	$45,396				$45,396
6.	ROOF REPLACEMENT/REPAIR, DEPARTMENT OF INSTITUTIONS Replace or upgrade roofs on various buildings to ensure the future serviceability of the buildings.	05007	$352,500				$352,500

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
11.	BOILER ROOM WATER SOFTENERS, MONTANA STATE HOSPITAL, GALEN Replace deteriorating water softeners to insure longer life for the boilers and related equipment.	05007	$45,000				$45,000
12.	EQUIPMENT FOR REMODELED 16ABC COTTAGE, MONTANA DEVELOPMENTAL CENTER Provide supplemental appropriation to furnish equipment necessary for completion of the project.	05007	$88,000				$88,000
13.	REPLACE HOSPITAL FLOORS, MONTANA STATE HOSPITAL, GALEN Replace damaged floor tiles to correct code deficiency and to improve aesthetics of the building.	05007	$20,000				$20,000
42.	SUPERVISOR HOUSING UNITS, MONTANA STATE PRISON RANCH Construct three new housing units with inmate labor to replace existing deteriorated housing.	06533		$135,000			$135,000

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
43.	TIN CUP JOE IRRIGATION SYSTEM, MONTANA STATE PRISON RANCH Construct sprinkler irrigation system with inmate labor to better utilize water from Tin Cup Joe Creek.	06533		$200,000			$200,000
TOTAL - Department of Institutions			$1,735,496	$335,000	$0	$0	$2,070,496
DEPARTMENT OF LABOR AND INDUSTRY							
44.	ACQUISITION OF ARCADE BUILDING, LOWER LEVEL, HELENA For the cost of improvements, acquire the lower level of the Arcade Building to provide office space for Workers Compensation employees.	02455		$50,000			$50,000
45.	POWER SUPPLY PROJECT, WORKERS' COMPENSATION, HELENA Provide uninterruptable power supply to prevent damage to equipment and down time for Division users.	02455		$26,000			$26,000

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
46.	HVAC REPLACEMENT AND MAJOR MAINTENANCE, HELENA JOB SERVICE Replace heating/air conditioning unit to increase energy efficiency and worker comfort. Perform maintenance to protect facility from deterioration.	03128			$53,600		$53,600
47.	REPAIR SETTLING DAMAGE, GREAT FALLS JOB SERVICE Repair damage to building caused by settling to lengthen usable life of building.	03128			$50,000		$50,000
48.	HEATING UNIT REPLACEMENT, MISSOULA JOB SERVICE Replace inefficient heating unit to increase energy conservation.	03128			$50,000		$50,000
49.	CONSTRUCT/PURCHASE ADDITION, BUTTE JOB SERVICE Expand building to consolidate staff and operations in one location.	03128			$211,000		$211,000

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
50.	PARKING LOT CONSTRUCTION, HAVRE JOB SERVICE Acquire adjacent land and pave to to provide parking for public use.	03128			$10,000		$10,000
51.	BASEMENT RENOVATION, BOZEMAN JOB SERVICE Renovate basement for use as office space, meeting area and storage to accommodate program expansion.	03128			$100,000		$100,000
	TOTAL - Department of Labor and Industry		$0	$76,000	$474,600	$0	$550,600
	DEPARTMENT OF STATE LANDS						
18.	CONTINGENT ON AVAILABLE FUNDS, MAINTENANCE AND IMPROVEMENT PROJECTS, STATEWIDE Complete a variety of projects to maintain and improve facilities using Job Corp where possible.	05007	$34,200				$34,200

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
52.	INTERAGENCY FIRE CENTER AND HANGER, HELENA Reconstruct FW & P Region 4 quonset to provide a center for area fire operations and a helicopter hanger.	03068				$54,800	$54,800
53.	NURSERY FREEZER AND COOLER, MISSOULA Install modular freezer/cooler unit to increase seedling survival rate.	02031		$24,000			$24,000
54.	NURSERY SHOP BUILDING, MISSOULA Construct maintenance facility to replace existing antiquated building.	02031		$101,000			$101,000
55.	NURSERY STORAGE BUILDING, MISSOULA Construct nursery storage building to replace inadequate and unsound existing structure.	02031		$22,000			$22,000
TOTAL - Department of State Lands			$34,200	$147,000	$0	$54,800	$236,000

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
DEPARTMENT OF MILITARY AFFAIRS							
56.	FEDERAL SPENDING AUTHORITY Provide Department of Military Affairs with authority to utilize federal funds.	05009			$300,000		$300,000
TOTAL - Department of Military Affairs			$0	$0	$300,000	$0	$300,000
DEPARTMENT OF NATURAL RESOURCES & CONSERVATION							
57.	OIL AND GAS DIVISION ADDITION, BILLINGS Construct addition to existing building to accommodate the administration of the Underground Injection Control program.	02432			$116,950		$116,950
TOTAL - Department of Natural Resources and Conservation			$0	$0	$116,950	$0	$116,950

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
DEPARTMENT OF REVENUE							
58.	MAINTAIN LIQUOR WAREHOUSE ROOF Protect roof membrane from ultra-violet degradation and repair minor splits, thus increasing the roofs effective life.	06005				$170,000	$170,000
TOTAL - Department of Revenue			$0	$0	$0	$170,000	$170,000
MONTANA UNIVERSITY SYSTEM							
4.	CARPET REPLACEMENT, ADMINISTRATION BUILDING, MISSOULA VO TECH CENTER Replace deteriorated carpet to improve aesthetics and remove the safety hazard.	05007	$80,000				$80,000
8.	REPLACE ROOFS, MONTANA UNIVERSITY SYSTEM Replace roof which can no longer be repaired.	05007	$394,900				$394,900

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
10.	MODIFY ELEVATOR AJM JOHNSON HALL, MONTANA STATE UNIVERSITY Modify freight elevator to increase accessibility for the mobility impaired.	05007	$93,200				$93,200
14.	ELECTRICAL DISTRIBUTION SYSTEM, PHASE II, MSU Complete the conversion to a 15KV rated capacity primary electrical distribution system to meet increasing demand from existing facilities.	05007 07037	$671,700			$949,500	$1,621,200
15.	MAJOR MAINTENANCE, WATER MAINS, UNIVERSITY OF MONTANA Replace leaking and antiquated water pipes to improve efficiency of water delivery to campus buildings.	05007	$130,000				$130,000
16.	EXTERIOR DOOR AND VESTIBULES, WESTERN MONTANA COLLEGE Replace deteriorated doors and construct entry vestibules to conserve energy and increase occupant comfort.	05007	$14,000				$14,000

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
17.	WINDOW RETROFIT, ENGINEERING HALL, MONTANA TECH Replace deteriorated double hung wood windows to improve energy efficiency and user comfort.	05007	$132,750				$132,750
59.	PHYSICAL EDUCATION BUILDING ROOF REPLACEMENT, WESTERN MONTANA COLLEGE Apply new roof to prevent leakage and avoid water damage to structure and contents. Insulate to conserve energy.	05014				$230,000	$230,000
60.	REMODEL STUDENT UNION BUILDING, WESTERN MONTANA COLLEGE Renovate and expand Student Union Building to accommodate current student needs.	05014				$502,000	$502,000
61.	MISCELLANEOUS PROJECTS, UNIVERSITY OF MONTANA Complete various remodel and expansion projects campuswide to benefit students, faculty and staff.	73100				$172,900	$172,900

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH CURRENT REVENUES
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
62.	CENTENNIAL MALL, MONTANA STATE UNIVERSITY Develop a pedestrian mall on Garfield Street between 6th and 11th streets with private donations.	71213				$650,000	$650,000
TOTAL - University System			$1,516,550	$0	$0	$2,504,400	$4,020,950
TOTAL FUNDED WITH CURRENT REVENUES			$4,101,246	$9,733,320	$2,414,717	$3,195,760	$19,445,043

PROJECT DESCRIPTION BY AGENCY

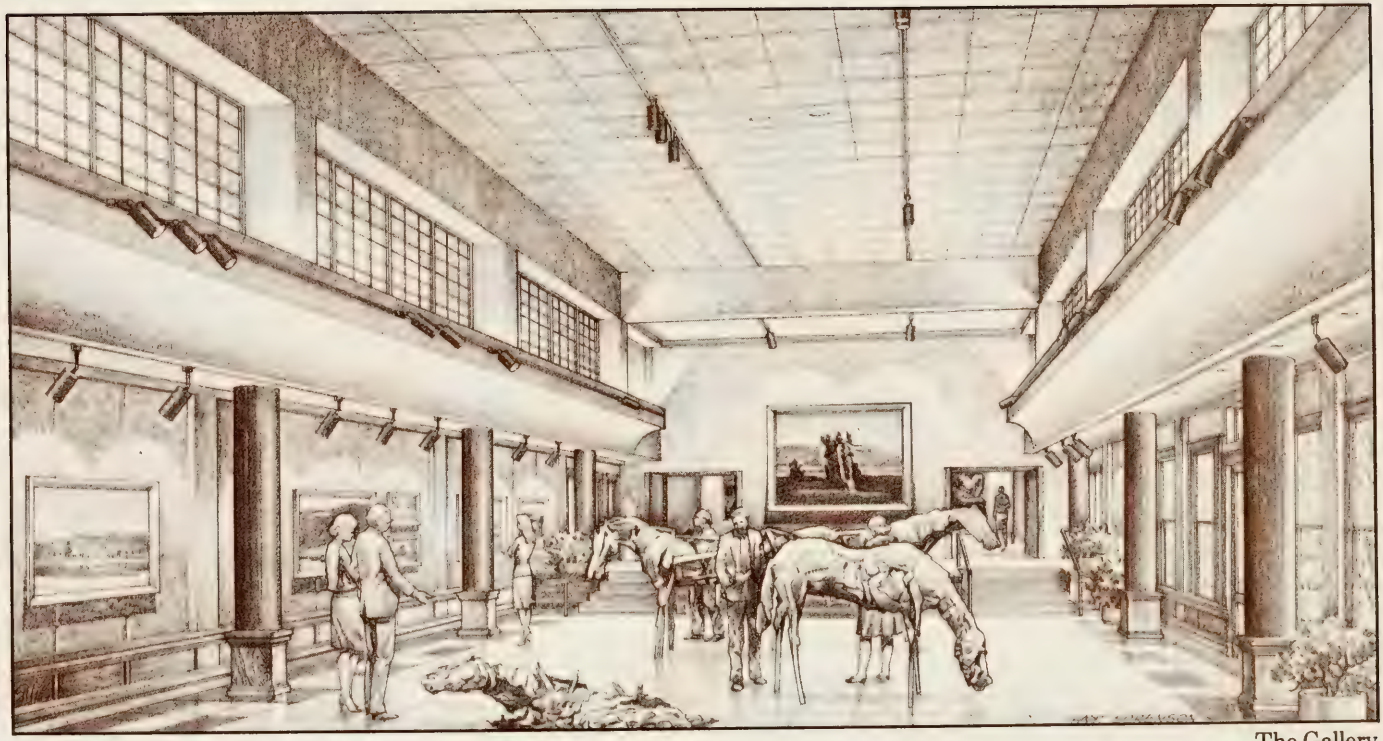
CAPITAL CONSTRUCTION PROGRAM PROPOSAL
FUNDED WITH BONDED DEBT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
BONDED PROJECTS							
DEPARTMENT OF FISH WILDLIFE & PARKS							
63.	REGION 7 HEADQUARTERS CONSTRUCTION, MILES CITY Construct a new regional office to replace the inadequate existing facility.	02409		$950,000			$950,000
64.	HATCHERY CONSTRUCTION AND RENOVATIONS, ANACONDA, ARLEE, LEWISTOWN Construct new support facilities and renovate existing buildings to bring the facility into compliance with codes.	02409 03097		$648,200	$1,944,600		$2,592,800
65.	IMPROVE SOUTH SANDSTONE DAM, PLEVNA Modify existing dam to bring into compliance with safety standards.	02409 03097		$400,000	$1,200,000		$1,600,000
TOTAL - Department of Fish, Wildlife and Parks			$0	$1,998,200	$3,144,600	$0	$5,142,800
TOTAL FUNDED WITH BONDED DEBT			$0	$1,998,200	$3,144,600	$0	$5,142,800

PROJECT DESCRIPTION BY AGENCY

CAPITAL CONSTRUCTION PROGRAM PROPOSAL
SUMMARY OF PROJECT FUNDING
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	Accounting Entity	Capital Projects Fund	State Special Revenue Fund	Federal Special Revenue Fund	Other Funds	TOTAL
SUMMARY OF PROJECT FUNDING							
	Projects Funded with Current Revenues		$4,101,246	$9,733,320	$2,414,717	$3,195,760	$19,445,043
	Projects Funded with Bonded Debt		$0	$1,998,200	$3,144,600	$0	$5,142,800
TOTAL LONG RANGE BUILDING PROGRAM			$4,101,246	$11,731,520	$5,559,317	$3,195,760	$24,587,843



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PROJECT REQUEST FORMS

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Construct Low Security Housing Unit
Project Priority 1
Biennium 1990 - 1991

Department INSTITUTIONS
Agency/Program Central Office/MSP

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Additional housing in an existing compound

B. LOCATION: Montana State Prison
Deer Lodge

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Construct a 96 man low security facility at the Montana State Prison. Estimates for the cost of this unit are based on using inmate labor to construct the building; project management and mechanical/electrical supervision will be provided by the private sector.

Impact on Existing Facilities:

Existing facilities cannot accommodate additional inmates to the extent that our population projections reflect.

Number to be served by Facility: 96 inmates

Functional Space Requirements: 16,300 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Overcrowding at the MSP is such that additional housing is a necessity. Existing facilities cannot accommodate additional inmates to the extent that our population projections reflect. By FY90 our population is anticipated to exceed 1,059 inmates. The maximum capacity of MSP is 1,028 inmates.

E. ALTERNATIVES CONSIDERED:

The Criminal Justice and Corrections Advisory council has made recommendations to Governor Schwinden for a variety of alternatives to address the over-crowding problem.

Rationale for Selection of a Particular Alternative:

The inmate population profile indicates that low security housing unit will most appropriately meet the needs for custody, security and classification of inmates.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: A & E

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	2,000
Soil Testing:	$	3,000
Other:	$	
3. Construction Cost	$	833,800
4. Architectural/Engineering Fees:	$	120,000
5. Utilities:	$	22,700
6. Landscaping & Site Development:	$	2,000
7. Equipment:	$	25,000
8. Contingencies:	$	107,700
9. Other: Furnishings	$	68,400
	$	
TOTAL COST	$	1,184,600
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	1,184,600

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: January 1991

Number of Additional Personnel Required: 9.6 FTE

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)		
Personnel Services	$	124,111
Operating Expenses	$	99,234
Maintenance Expenses	$	0
2. SECOND BIENNIUM (92 - 93)		
Personnel Services	$	496,436
Operating Expenses	$	359,326
Maintenance Expenses	$	4,800
3. THIRD BIENNIUM (93 - 95)		
Personnel Services	$	496,436
Operating Expenses	$	359,326
Maintenance Expenses	$	4,800

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Bldg. Modifications & Exterior Lighting
Project Priority 2
Biennium 1990 - 1991

Department INSTITUTIONS
Agency/Program Montana Center for the Aged

A. THIS PROJECT: (Check one)
___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Montana Center for the Aged
Lewistown, Montana

(Check where appropriate)
x Site on Owned Property x Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:
Convert F wing to a 'protective wing' by installing a lock system that would require 0-30 seconds of pressure on a crash bar before the door would open, this type of a lock system is necessary to provide safe and appropriate care for some residents. The Department of Health has approved the installation of this system. Additional beds and equipment would be purchased as funds allow. (continued on General Narrative)

Impact on Existing Facilities:
Exterior lights will be connected to the existing electrical system. A lock system will be installed on F wing using the present electrical system. New locking mechanisms will be installed.

Number to be served by facility: 191 res., 75 staff

Functional Space Requirements: 191,400 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:
For health and safety reasons, there is a need to deal more effectively with residents who are confused and prone to wandering. Installation of pressure activated crash bars will assure proper care and supervision. Additional equipment will be purchased to accommodate residents daily living needs. Exterior lights will assist in locating wandering residents in the dark and reduce injury and hypothermia. Lighting of the facility grounds would discourage unauthorized persons from trespassing and alleviate residents' fears.

E. ALTERNATIVES CONSIDERED:

1. Residents who are confused and prone to wander would not be admitted.

2. Create 'protective wing' but omit exterior lighting.

Rationale for Selection of a Particular Alternative:

If we cannot provide proper care and supervision of residents prone to wander they should not be admitted.

If there are no funds to install exterior lights we will continue our present operation.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Anderson Steel Supply & Staff

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	25,000
4. Architectural/Engineering Fees:	$	2,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	15,896
8. Contingencies:	$	2,500
9. Other:	$	
	$	
TOTAL COST	$	45,396
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	45,396*

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: October 1990

Number of Additional Personnel Required: 8 FTE

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)		
Personnel Services	$	273,260
Operating Expenses	$	90
Maintenance Expenses	$	-0-
2. SECOND BIENNIUM (92 - 93)		
Personnel Services	$	281,460
Operating Expenses	$	240
Maintenance Expenses	$	-0-
3. THIRD BIENNIUM (94 - 95)		
Personnel Services	$	289,900
Operating Expenses	$	240
Maintenance Expenses	$	-0-

*Central office recommended project be funded at $193,596; this excluded exterior lighting ($11,800) and included request #4 renovation of resident living areas ($160,000).

C. DESCRIPTION OF FACILITY (continued)

Install exterior flood and pole lights in front of the building, behind the building, and in the courtyards to provide adequate lighting for resident and staff safety.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Maintain Water Towers and Systems
Project Priority: 3
Biennium: 1990 - 1991

Department: ADMINISTRATION
Agency/Program: see locations

A. THIS PROJECT: (Check one)
___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Mountain View, Pine Hills, Veterans Home, Warm Springs, and Galen

(Check where appropriate)
x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Water towers would be repaired, sandblasted and recoated with an epoxy base coating.

Impact on Existing Facilities:

Project would extend useful life of water towers.

Number to be served by Facility: residents & staff

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

A recent survey showed all water towers to be in need of immediate attention. Without repairs and recoating water towers have an expected life of 3 to 7 years.

E. ALTERNATIVES CONSIDERED:

1. Allow water towers to continue to deteriorate.

2. Perform minimum repairs to all or some water towers, abandoning towers where feasible.

3. Repair all towers and bring them into compliance with all OSHA codes.

Rationale for Selection of a Particular Alternative:

#2 was selected as being the most cost effective and practical solution of the alternatives considered.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Tank Industry Consultants

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	321,250
4. Architectural/Engineering Fees: (includes full time inspection)	$	87,850
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	40,900
9. Other:	$	
	$	
TOTAL COST	$	450,000
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	450,000

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: October 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Carpet Replacement Administration Bldg.
Project Priority 4
Biennium 1990 - 1991

Department MONTANA UNIVERSITY SYSTEM
Agency/Program Missoula Vocational Technical Center

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Missoula Vo-Tech Center
909 South Ave West, Missoula

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project would replace carpet in the Missoula Vocational Center Administration Building which houses the administration and student service offices, library, student commons, bookstore and instructional programs in office occupations, business data processing and commercial food operation.

Impact on Existing Facilities:

Will provide appropriate maintenance of existing facility.

Number to be served by Facility: Approx. 80 staff and 1,000 students

Functional Space Requirements: 44,000 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Administration Building was constructed in 1969 and the original carpet is still in place. In heavy traffic areas the carpet is worn nearly to the subfloor. Seams have also separated and pose a safety hazard. In addition to the carpet, it will be necessary to overlay approximately 10,000 sq. ft. of subfloor with particle board to create a smooth surface for carpet installation.

E. ALTERNATIVES CONSIDERED:

1. Replace carpet

2. Continue to use existing carpet.

Rational for Selection of a Particular Alternative:

The existing carpet exposes the state to liability from injury to students and faculty.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Carpet Suppliers

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	71,200
4. Architectural/Engineering Fees:	$	3,800
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	5,000
9. Other:	$	
	$	
TOTAL COST	$	80,000
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	80,000

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

2. SECOND BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

3. THIRD BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Hazardous Material Abatement, 1989
Project Priority 5
Biennium 1990 - 1991

Department ADMINISTRATION
Agency/Program Architecture and Engineering

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Improve safety of existing facilities

B. LOCATION: Statewide

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project would continue to identify health concerns and remove asbestos and other hazardous materials where they pose a threat to occupant health and the environment. Various buildings throughout the state have been identified as containing hazardous asbestos; many transformers are contaminated with PCB, and underground storage tanks may require corrective action.

Impact on Existing Facilities:

Reduce health risks around state.

Number to be served by Facility: N/A

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Portions of some state owned buildings present a severe asbestos exposure hazard to building occupants. Many transformers on state campus are suspect of containing PCB these should be identified and their exposure hazard assessed. Severe exposures should be eliminated.

E. ALTERNATIVES CONSIDERED:

1. Identify and remove hazardous materials

2. Do nothing

Rationale for Selection of a Particular Alternative:

To do nothing assumes an irresponsible attitude toward the health of state employees, students and patients.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture and Engineering

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other: surveys & testing	$	20,000
3. Construction Cost	$	164,000
4. Architectural/Engineering Fees:	$	16,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other:	$	
	$	
TOTAL COST	$	200,000
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	200,000

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: N/A

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

2. SECOND BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

3. THIRD BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Roof Replacement/Repair
Project Priority: 6
Biennium: 1990 - 1991

Department: INSTITUTIONS
Agency/Program: Montana State Hospital
Montana Developmental Center

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Repairs and maintains an existing facility

B. LOCATION: Montana Developmental Center
Montana State Hospital

(Check where appropriate)
___ Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will correct deficiencies in various roofs to ensure future service of the buildings. The project can be summarized as follows:

Bldg. 6 & 7 and shop, MDC	$232,200
Galen Food Service, WCC and ASC, MSH.	43,700
Galen Boiler Plant, MSH	76,600
Total	$352,500

Impact on Existing Facilities:

Repairs and new roofs will extend the life of the buildings and improve the environment for programs located in them.

Number to be served by Facility: All bldg. occupants

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The project will address the problem of roofs which are at the end of their useful life, or require major maintenance to postpone replacement and prevent damage to buildings. Roofs with substandard insulation will be reinsulated to current standards.

E. ALTERNATIVES CONSIDERED:

1. Replace or repair roofs as appropriate.

2. Continue present maintenance of patching and repairing which will temporarily delay further deterioration and damage but require increased replacement costs at a later date.

3. Prioritize the projects and fund only those where severe damage or consequences are likely if the work is not completed.

Rationale for Selection of a Particular Alternative:

The project as recommended generally follows alternative #1. However since LRBP funding limitations cannot be overlooked, projects considered less urgent were not included in the $352,500 recommendation.
(Refer to General Narrative for project breakdown).

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: A & E / Roofing Consultants

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	293,380
4. Architectural/Engineering Fees:	$	27,080
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	32,040
9. Other:	$	
	$	
TOTAL COST	$	352,500
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	352,500*

*Project was requested for funding at increased level ($360,030). See Rationale for Selection of a Particular Alternative on previous page as well as General Narrative.

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:
Heating costs will decrease

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

ROOF REPLACEMENT/REPAIR, DEPARTMENT OF INSTITUTIONS

	Amount Requested	Amount Recommended
MONTANA DEVELOPMENTAL CENTER		
Priority # 10		
Buildings 6, 7 & Shop	$ 83,500	$232,200
MONTANA STATE HOSPITAL		
Priority # 4		
Boiler Plant, Galen	*76,600	76,600
Priority # 5		
Food Service, Galen	56,835	7,300
Old Duplexes, Warm Springs	43,200	-0-
ASC Galen	98,000	28,000
Garage roofs, Galen	2,695	-0-
WCC, Warm Springs	-0-	8,000
	$360,830	$352,500

*This amount is a supplemental to the $56,000 appropriated by the Fiftieth Legislature. The additional funds improve seismic stability, replace deteriorated roof deck and gutters/downspouts.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Replace/Repair Roof, Custer Lodge
Project Priority 7
Biennium 1990 - 1991

Department FAMILY SERVICES
Agency/Program Pine Hills School

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other repairs existing facility

B. LOCATION: Miles City

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will construct a sloped roof over a one story brick building with a level concrete roof. The structure was constructed in early 1950 to provide living space for 25 court committed adjudicated delinquents. Presently roof drainage is accomplished with tapered insulation.

Impact on Existing Facilities:

Completion of project would provide protection to facility and contents prolonging the useful life of the building.

Number to be served by Facility: 25 residents, 7.2 FTE

Functional Space Requirements: 8,000

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Historical manner of roof repair is costly and doesn't seem to adequately react to long term roof needs. The flat roof feature of the structure requires special replacement design.

E. ALTERNATIVES CONSIDERED:

1. Replace roof as previously done and continue current maintenance system in anticipation of a 10 year life expectancy.

2. Modify roof to increase slope for adequate drainage, to achieve extended life.

3. Reroof with single ply membrane.

Rationale for Selection of a Particular Alternative:

Dead level roofs inherently develop problems, the best long term solution seems to be to create positive slope to keep moisture off roof. Alternative #2 allows for increased insulation which will reduce heat loss.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: A & E Division

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	120,270
4. Architectural/Engineering Fees:	$	20,630
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	14,100
9. Other:	$	
	$	
TOTAL COST	$	155,000
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	155,000

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:
project will reduce heating costs

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Replace Roofs
Project Priority 8
Biennium 1990 - 1991

Department MONTANA UNIVERSITY SYSTEM
Agency/Program see locations

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Maintains Existing Buildings

B. LOCATION: MSU, Bozeman; EMC, Billings and AES, Bozeman

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will replace or provide major maintenance to roofs thus ensuring the future service of the buildings. The project can be summarized as follows:

Gaines & Taylor Halls, MSU.....	$131,000
Library & Cisel Halls, EMC.....	243,900
Ag Experiment Stations.....	20,000
Total	$394,900

Impact on Existing Facilities:

New roofs will extend the life of buildings, reduce potential for damage to contents, and improve environment for programs therein.

Number to be served by Facility: All bldg. occupants

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The project addresses the problem of deteriorated roofs which are leaking, or have saturated insulation.

E. ALTERNATIVES CONSIDERED:

1. Replace roofs.

2. Continue present maintenance of patching and repairing which will temporarily delay further deterioration and damage but require increased replacement costs at a late date.

Rationale for Selection of a Particular Alternative

The roofs have been maintained over the years but have been deteriorated to the point where they can no longer be effectively repaired. The only solution that eliminates the problem is replacement of the roofs. AES roofs can be effectively repaired.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Maintenance Staff/A&E

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	328,880
4. Architectural/Engineering Fees:	$	32,050
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	33,970
9. Other:	$	
	$	
TOTAL COST	$	394,900
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	394,900

Project was requested for funding at increased level ($1,876,090). (Refer to General Narrative for breakdown of costs).

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: increased insulation will reduce utility costs.

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

REPLACE ROOFS, MONTANA UNIVERSITY SYSTEM

	Amount Requested	Amount Recommended
HELENA VO-TECH		
Priority #1		
Donaldson Building	$ 221,490	$ -0-
WESTERN MONTANA COLLEGE		
Priority #12		
Roof Maintenance	10,000	-0-
NORTHERN MONTANA COLLEGE		
Priority # 10		
Gymnasium	75,000	-0-
UNIVERSITY OF MONTANA		
Priority # 9		
Schreiber Gym	226,000	-0-
Heating Plant	20,000	-0-
Yellow Bay Cabins	10,000	-0-
Aluminization	28,800	-0-
Mansfield Library	247,800	-0-
MONTANA STATE UNIVERSITY		
Priority # 4		
Gaines Hall	96,000	96,000
Taylor Hall	35,000	35,000

(continued next page)

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

REPLACE ROOFS, MONTANA UNIVERSITY SYSTEM (continued)

	Amount Requested	Amount Recommended
EASTERN MONTANA COLLEGE		
Priority # 7		
Education Building	$ 65,000 *	$ -0-
Cisel Hall	27,000 *	38,700
Computer Annex	30,000 *	-0-
Library Classroom Building	120,000	205,000
P.E. Roof	625,000	-0-
AG EXPERIMENTAL STATIONS		
Priority # 5 **		
Nutritional Center	14,400	12,000
Swine Center	24,600	8,000
	$1,876,090	$ 394,900

* Project requested by EMC, but not recommended by Regents.
** Project request was portion of AES request priority # 5, major maintenance, ($475,000).

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Roof Repair, Academic Building
Project Priority 9
Biennium 1990 - 1991

Department MONTANA SCHOOL FOR THE DEAF AND BLIND
Agency/Program Education

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Montana School for the Deaf and Blind
Great Falls

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will repair expansion splits in the Academic Building. This building contains classrooms, instructional materials center, administration offices and storage.

Impact on Existing Facilities:

Will abate damage caused by water leaks and extend life of roof.

Number to be served by Facility: 127 students

Functional Space Requirements: 49,500 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Academic Building was constructed 17 years ago. The roof, which has as estimated life of 20 years, has developed severe leaks resulting in damage to acoustical ceiling tiles and wallpaper. Repairs will extend the life of the roof.

E. ALTERNATIVES CONSIDERED:

1. Repair the roof (cost $10,000)

2. Replace the entire roof (cost $325,000)

Rationale for Selection of a Particular Alternative:

Repair is cheapest alternative to abate damage being caused by water. Current maintenance budget will not provide for repairs as recommended by Architecture and Engineering.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

REPLACE ROOFS, MONTANA UNIVERSITY SYSTEM (continued)

	Amount Requested	Amount Recommended
EASTERN MONTANA COLLEGE		
Priority # 7		
Education Building	$ 65,000 *	$ -0-
Cisel Hall	27,000 *	38,700
Computer Annex	30,000 *	-0-
Library Classroom Building	120,000	205,000
P.E. Roof	625,000	-0-
AG EXPERIMENTAL STATIONS		
Priority # 5 **		
Nutritional Center	14,400	12,000
Swine Center	24,600	8,000
	$1,876,090	$ 394,900

* Project requested by EMC, but not recommended by Regents.
** Project request was portion of AES request priority # 5, major maintenance, ($475,000).

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Roof Repair, Academic Building
Project Priority 9
Biennium 1990 - 1991

Department MONTANA SCHOOL FOR THE DEAF AND BLIND
Agency/Program Education

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Montana School for the Deaf and Blind
Great Falls

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will repair expansion splits in the Academic Building. This building contains classrooms, instructional materials center, administration offices and storage.

Impact on Existing Facilities:

Will abate damage caused by water leaks and extend life of roof.

Number to be served by Facility: 127 students

Functional Space Requirements: 49,500 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Academic Building was constructed 17 years ago. The roof, which has as estimated life of 20 years, has developed severe leaks resulting in damage to acoustical ceiling tiles and wallpaper. Repairs will extend the life of the roof.

E. ALTERNATIVES CONSIDERED:

1. Repair the roof (cost $10,000)

2. Replace the entire roof (cost $325,000)

Rationale for Selection of a Particular Alternative:

Repair is cheapest alternative to abate damage being caused by water. Current maintenance budget will not provide for repairs as recommended by Architecture and Engineering.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: A & E Division

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	8,500
4. Architectural/Engineering Fees:	$	500
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	1,000
9. Other:	$	
	$	
TOTAL COST	$	10,000
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	10,000

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

2. SECOND BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

3. THIRD BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Modify elevator, AJM Johnson Hall
Project Priority: 10
Biennium: 1990 - 1991

Department: MONTANA UNIVERSITY SYSTEM
Agency/Program: Montana State University

A. THIS PROJECT: (Check one)

___ Is an Original Facility
___ Is an Add. to Exist. Fac.
___ Other
x Reno. an Existing Fac.
___ Replaces Existing Fac.

B. LOCATION: Montana State University
Bozeman

(Check where appropriate)

x Site on Owned Property
___ Site to be Selected
___ Site Already Selected
___ Util. Already Available
___ Access Already Available

C. DESCRIPTION OF FACILITY:
General Description:

The project will extend the existing elevator shaft to the second floor, modify second floor bathroom to accommodate the shaft, and replace the freight elevator cab with a passenger cab to meet ANSI codes.

Impact on Existing Facilities:

Increase use of portions of building by the physically impaired.

Number to be served by Facility: Students & Faculty

Functional Space Requirements: 41,466 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

AJM Johnson Hall is a two story classroom laboratory building with a full basement. A freight elevator serves the basement, but it is inaccessible to the physically impaired. The second floor is inaccessible.

E. ALTERNATIVES CONSIDERED:

1. Modify the freight elevator to meet the Uniform Federal Accessibility Standards, and extend elevator to serve the second floor.

2. Do nothing.

Rationale for Selection of a Particular Alternative:

To do nothing would exclude the physically impaired from using specialized laboratories located in the building.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: MSU Facilities Planning

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	82,500
4. Architectural/Engineering Fees:	$	10,700
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other:	$	
	$	
TOTAL COST	$	93,200
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	93,200*

*Project was requested at $82,500 as part of campus wide project ($661,000). (Refer to General Narrative for additional information).

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

The final Department of Health, Education and Welfare regulations for Section 504 of the Rehabilitation Act of 1973 became effective June 3, 1977. These regulations mandated that every institution receiving Federal financial assistance must provide mobility impaired individuals equal access to all its programs.

The 504 Regulations required that all institutions complete necessary structural changes in their facilities by June 3, 1980.

The projects contained within this request will complete the majority of the mobility impaired accessibility modifications necessary to accommodate the mobility impaired at Montana State University.

These items and the relative necessity for each were established by a group consisting of the following: Representative of the campus organization Wheelchairs, Crutches & People (WCP), the University 504 Coordinator (504 is the Section number for Federal Rehabilitation Act regulations regarding nondiscrimination on basis of handicap), and a representative of the University's Office of Facilities Planning.

A major concern when establishing priority levels is current data regarding demand for academic programs by the mobility impaired. Therefore, the relative necessity of items can change from one year to the next.

Project Detail:

HERRICK HALL ELEVATOR:
Construct an elevator in Herrick Hall to allow the mobility impaired to have access to the space within the facility. The project will also construct stair enclosures to meet the Fire Code. $ 272,500

AJM JOHNSON ELEVATOR:
Construct an elevator in AJM Johnson Hall to allow the mobility impaired to have access to the three floors within the facility. 82,500

SHERRICK HALL ELEVATOR:
Construct an elevator in Sherrick Hall to allow the mobility impaired to have access to the three floors with in the facility, and to provide for the movement of heavy audio-visual equipment between the floors. 112,500

(continued on next page)

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

LEWIS HALL TOILET MODIFICATIONS: Modify one men's and one women's toilet to make them accessible for the mobility impaired.	$ 15,000
INTER-BUILDING MOBILITY-PHASE I: At various locations, construct curb cuts, repair walks, repair building approaches, and repair building approaches, and repair select parking stalls to improve inter-building circulation paths and make them accessible to the mobility impaired.	22,000
COOLEY ELEVATOR AND TOILET MODIFICATIONS: Modify controls of existing passenger elevator to improve access for the mobility impaired.	35,000
Remodel one men's and one women's toilet to make them accessible for the handicapped.	10,000
LINFIELD HALL TOILET & CORRIDOR IMPROVEMENT: Modify one men's toilet to make them accessible for the mobility impaired.	15,000
McCALL HALL TOILETS: Modify one men's and one women's toilet to make them accessible to the mobility impaired.	10,000
SUBTOTAL	$ 574,500
Architectural/Engineering fees	57,500
Contingencies	29,000
TOTAL COST	$ 661,000

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Boiler Room Water Softeners
Project Priority 11
Biennium 1990 - 1991

Department INSTITUTIONS
Agency/Program Montana State Hospital

A. THIS PROJECT: (Check one)
___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Replaces worn out equipment

B. LOCATION:

(Check where appropriate)
x Site on Owned Property x Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will replace the existing water softeners which provide soft water for the boilers and the domestic hot water. Soft water is essential for prolonged life of the boiler.

Impact on Existing Facilities:

New water softeners would insure a longer life for the boilers and associated equipment.

Number to be served by Facility: Entire campus

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing softeners are corroded and can no longer be patched effectively. Water softeners are necessary because of the extremely hard water, and high mineral content of ground water in this area.

E. ALTERNATIVES CONSIDERED:

1. Fund both softeners.

2. Fund one softeners.

3. Do nothing.

Rationale for Selection of a Particular Alternative:

1 or 2 - Both softeners are approximately 30 - 35 years old and need replacing.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: MSH Maintenance Staff

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	40,000
4. Architectural/Engineering Fees:	$	1,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	4,000
9. Other:	$	
	$	
TOTAL COST	$	45,000
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	45,000

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: March 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

Presently we have two water softeners - when one is on line, the other one is being recharged. Both of these softeners are rusting out and need occasional patching. Due to the nature of our water, it has to be softened. Soft water is essential for prolonging the life and efficient operation of the boiler. These boilers are approximately 30 - 35 years old and it is time to plan for their replacement. Presently, their operation is erratic. Sometimes 1 charging lasts for 3 days - sometimes 10 days.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Equipment for remodeled 16 AB&C Cottage
Project Priority 12
Biennium 1990 - 1991

Department INSTITUTIONS
Agency/Program Central Office

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other equipment necessary to complete project

B. LOCATION: Montana Developmental Center
Boulder

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project is intended to purchase specialized equipment for cottage 16 AB&C that is required as an integral part of the remodel project for this unit which was funded as a capital construction project by the Fiftieth Legislative Assembly. (Refer to General Narrative for list of equipment).

Impact on Existing Facilities:

Improve work environment and reduce risk of staff back injuries from lifting non-ambulatory residents.

Number to be served by Facility: 54 resident patients

Functional Space Requirements: 25,000 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The appropriation for the remodel of cottage 16 AB&C is not sufficient to cover the cost of this equipment which is critical to the redesign of this residential living unit.

E. ALTERNATIVES CONSIDERED:

Elimination of part of the construction budget to cover the cost of this equipment was considered not feasible without compromising the basic structural and construction components necessary to bring this facility into compliance with facility construction certification regulations and the dictates of this program which served multiple handicapped residents.

Rationale for Selection of a Particular Alternative:

See Alternatives Considered

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Project Architect

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	88,000
8. Contingencies:	$	
9. Other:	$	
	$	
TOTAL COST	$	88,000
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	88,000

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Summer 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

The detailed list of necessary equipment is as follows:

1.	Arjo Tubs (5)	$50,000
2.	Dressing tables for bathrooms (18)	18,000
3.	Laundry Carts (18)	18,000
4.	Fold-1-way grab bars for toilet rooms	2,000
	TOTAL	$88,000

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Replace Hospital Floors
Project Priority: 13
Biennium: 1990 - 1991

Department: INSTITUTIONS
Agency/Program: Montana State Hospital

A. THIS PROJECT: (Check one)

___ Is an Original Facility
___ Is an Add. to Exist. Fac.
___ Other
x Reno. an Existing Fac.
___ Replaces Existing Fac.

B. LOCATION: Montana State Hospital
Galen Campus

(Check where appropriate)

x Site on Owned Property
___ Site to be Selected
___ Site Already Selected
___ Util. Already Available
___ Access Already Available

C. DESCRIPTION OF FACILITY:
General Description:

The project replaces deteriorated floors in the dining, recreation and utility rooms in Galen Hospital.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Floor tiles become loose, and create an uneven walking surface which is hazardous to staff and patients. Surface is considered unsanitary by Health Department. Refer to General Narrative for additional explanation.

E. ALTERNATIVES CONSIDERED:

1. Continue to repair floor every time a tile becomes loose, and ignore Health citation.

2. Replace deteriorated floor with new material.

Impact on Existing Facilities:

New floors will create a safer, more sanitary environment for both staff and residents, as well as improve appearances.

Rationale for Selection of a Particular Alternative:

Alternative # 2 provides a safer and more aesthetic environment for patients and staff. Also it eliminates labor and material costs for repairs.

Number to be served by Facility: 150 - 200

Functional Space Requirements: 4000 sq. ft.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture & Engineering

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	19,130
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	870
9. Other:	$	
	$	
TOTAL COST	$	20,000
Less other funds available Source	$	
	$	
STATE FUNDS REQUIRED	$	20,000*

*Central office recommended project at $301,000; this included other floors at MSH.

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1989

Number of Additional Personnel Required: NONE

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

The Food Service wing was constructed in 1953 and this is the original tile flooring. Over the years, the tiles have shrunk leaving large gaps between adjacent tiles. When the floor is mopped, water goes into the gaps and works its way under the tiles. The tiles then become loose and stick up. This is a dangerous situation because the majority of our patients are very unstable on their feet. Tile replacement is often deferred because maintenance staff have inadequate time to replace tiles and complete other necessary duties. The tile utility room floors have broken tiles which have been unsatisfactorily patched, and present tripping problems. The floors have been cited as a deficiency by the State Department of Health, and require replacement.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Electrical Distribution System, Phase II
Project Priority 14
Biennium 1990 - 1991

Department MONTANA UNIVERSITY SYSTEM
Agency/Program Montana State University

A. THIS PROJECT: (Check one)

___ Is an Original Facility _x_ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Main Campus MSU
Bozeman

(Check where appropriate)

_x_ Site on Owned Property _x_ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This Phase will make the internal connections from the 15KV loop established in Phase I to the buildings served by the system.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Phase I, which was funded during the previous biennium, established the outside loop of the Primary Electrical Distribution System at 15KV. This Phase would complete the distribution system and place the new system into operation. Refer to General Narrative for additional information.

E. ALTERNATIVES CONSIDERED:

1. No viable alternative exists.

Impact on Existing Facilities:

Buildings will be served by a more dependable system able to meet their electrical demands.

Rationale for Selection of a Particular Alternative:

The second Phase must be completed to make the first Phase operational.

Number to be served by Facility: Main campus

Functional Space Requirements: N/A

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Schmit, Smith, and Rush

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	1,376,200
4. Architectural/Engineering Fees:	$	135,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	110,000
9. Other:	$	
	$	
TOTAL COST	$	1,621,200
Less other funds available Source Auxiliary Funds	$	949,500
	$	
STATE FUNDS REQUIRED	$	671,700

MSU requested $1,914,000 State Funds with $72,600 contributed by Auxiliary Funds. (Refer to second page of General Narrative for Explanation).

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

It is important that the Phase II electrical distribution renovation be funded for construction in this biennium. This is the type of project that must be approached on a "whole" basis. Past piecemeal expansion, renovation, and repair has helped to produce the disorganized, mismatched, poorly grounded, and unsafe system that is in place today. This renovation was originally studied and designed as a single project which would provide a standardized and coordinated distribution system with true loop-feed capability to reliably support the functions of MSU. Although the original intent was to fund and construct a single, integrated project, economic realities dictated that we split the work in to two phases with the understanding that a commitment to Phase I would need to be followed by Phase II. There are a number of problems that will exist if Phase II is not completed:

1. MSU will not have true loop-feed capability on campus due to inadequate cable capacity in a number of areas. An additional complication is that operating personnel must be careful of the switching combinations used so that a cable "bottleneck" is not overloaded, resulting in a cable failure. Inner-loop completion and cable replacement is part of the Phase II work.

2. Even after the completion of Phase I, our inner-campus distribution system will, for the most part, still be in its original condition with old cable splices, unsafe vaults, and eighteen varieties of existing cable including a lot of obsolete lead-sheathed cable which cannot effectively be repaired. The reliability of our electrical system is only as good as its weakest point, and there will still be a number of weaknesses if Phase II is not implemented. There are a number of safety concerns such as inadequate system grounding, poor vault access, and shielding that expose our personnel to unnecessary risks - Phase II is needed to address these deficiencies.

3. If Phase II is not completed, the system will be operating at two different primary voltages (4160V and 12,470V) depending on where you are in the system. This is a most unsatisfactory situation for a smaller, compact distribution system. Repair parts would need to be stocked for two different classes of systems. Safety liabilities are extensive when operating a system with two voltages. The 5KV-class equipment would fail if operated at 12,470V and the 15V-class cable would have inadequate ampacity if operated at 4160V.

4. The Montana Power Company (MPC) will "lose" substation capacity if MSU requires two different primary supply voltages because of the additional switchgear/KVA capacity that will be tied up to supply both voltages. MPC's tariffs allow them to charge for services beyond a single supply. MPC would charge a lease fee that could be as much as $20,000/year to continue providing the 4160V service as well as the new 12,470V service.

(continued next page)

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

ELECTRICAL DISTRIBUTION PHASE II, MSU

	Capital Projects Fund	Auxiliary Funds	Total Request
Funding Requested by MSU	$1,914,000	$ 72,600	$1,986,600

Funding for Electrical Distribution Phase I was based on distribution of electrical load documented in the System Planning Report by Schmit, Smith and Rush. On-Campus Living consumes 36% of the funding electrical load, and Auxiliary funds contributed 36% of the funding for Phase I.
For Phase II MSU requested 96% Capital Projects Funds with Auxiliary Funds paying less than 4%.The report indicates that auxiliary services buildings (including the Fieldhouse, H & PE, H & PE annex, Romney Gym, Stadium, Student Union, and Health Service) consume 54% of the electrical load; (they account for 56% of total area of campus). Architecture and Engineering Division recommends the funding be re-proportioned to reflect 55% auxiliary services share, and 45% CPF share.

Funding split at 45%/55%	893,970	1,092,630	1,986,600
Unencumbered Phase I balance to be deducted from request	222,338	143,193	365,531
Project funding recommended by A & E Division	$ 671,700	$ 949,500	$1,621,200

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Major Maintenance, Water Mains
Project Priority 15
Biennium 1990 - 1991

Department MONTANA UNIVERSITY SYSTEM
Agency/Program University of Montana

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Replaces and repairs infrastructure

B. LOCATION: University of Montana
Missoula

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project is intended to replace antiquated and leaking water 'Invasion' pipe installed in the 1940's.

Impact on Existing Facilities:

The project will improve efficiency of delivery of water delivery to campus buildings.

Number to be served by Facility: N/A

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Water lines on the Campus were surveyed for leaks, a major leak has been identified in Connell Avenue water main. It is recommended the line be replaced as it is a thin walled 'Invasion' pipe installed in the 1940's. A leak between McGill Hall, and Botany also needs repair.

E. ALTERNATIVES CONSIDERED:

1. Let the facilities continue to deteriorate and continue to suffer loss from leakage.

2. Fund all of the work scheduled for this Biennium on the University's Major Maintenance Plan.

3. Patch major leaks with maintenance crews as resources allow.

Rationale for Selection of a Particular Alternative:

The best long-term solution is complete funding at this time since it offers the highest ratio of benefit to cost. Loss of water due to leaking in this water main is estimated to amount to over 26 million gallons per year. The project is projected to save more than $14,600 per year based upon 1983 costs and thus pay for itself in less than three years.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: U of M Facilities Services

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	105,300
4. Architectural/Engineering Fees:	$	11,100
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	11,500
9. Other: Legal Admin., Codes	$	2,100
	$	
TOTAL COST	$	130,000
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	130,000

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Exterior Doors & Vestibules
Project Priority 16
Biennium 1990 - 1991

Department MONTANA UNIVERSITY SYSTEM
Agency/Program Western Montana College

A. THIS PROJECT: (Check one)

___ Is an Original Facility
___ Is an Add. to Exist. Fac.
___ Other
x Reno. an Existing Fac.
___ Replaces Existing Fac.

B. LOCATION: Office Classroom Bldg.& Library/Admin. Bldg.
Western Montana College, Dillon

(Check where appropriate)

___ Site on Owned Property
___ Site to be Selected
x Site Already Selected
___ Util. Already Available
___ Access Already Available

C. DESCRIPTION OF FACILITY:
General Description:

Project consists of replacing worn out exterior entry doors and installing interior vestibule doors to conserve energy and improve occupant comfort.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

This project would replace worn out exterior entry doors and install interior vestibule doors to conserve energy and provide comfort to occupants. The ages of the Office Classroom building and Library/Administration building are nearing twenty years and the exterior doors cannot be effectively repaired as parts are no longer available. These buildings were built without vestibules.

E. ALTERNATIVES CONSIDERED:

1. Continue status quo
2. Replace only exterior doors
3. Replace exterior doors and construct vestibules as funds allow.

Impact on Existing Facilities:

New exterior doors will alleviate a hazardous condition. New vestibule doors will reduce drafts at the Registration counters.

Rationale for Selection of a Particular Alternative:

Alternative # 3 addresses the safety of students and faculty and allows for improved energy efficiency and comfort in the building.

Number to be served by Facility: 1,000

Functional Space Requirements: N/A

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: WMC Physical Plant

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	11,600
4. Architectural/Engineering Fees:	$	1,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	1,400
9. Other:	$	
	$	
TOTAL COST	$	14,000
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	14,000

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

2. SECOND BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

3. THIRD BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Window Retrofit, Engineering Hall
Project Priority 17
Biennium 1990 - 1991

Department MONTANA UNIVERSITY SYSTEM
Agency/Program Montana Tech

A. THIS PROJECT: (Check one)
___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Montana College of Mineral Science and Technology, Butte

(Check where appropriate)
___ Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Engineering Hall was built originally as a gymnasium and then remodeled into a classroom building. Original construction was 1923. Project will replace large, double hung wood windows which are badly deteriorated with new energy efficient windows.

Impact on Existing Facilities:

Project will reduce air infiltration, improve comfort and energy efficiency, and improve appearance of building.

Number to be served by Facility: 1000 Students/Faculty

Functional Space Requirements: 13,072 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The windows in Engineering Hall are deteriorated so far that they are beginning to fall apart. Repairs are difficult because of the rotten wood. Settlement in one portion of building has sloped several windows, and will require minor brick restoration.

E. ALTERNATIVES CONSIDERED:

1. Install storm windows.
2. Caulk and repaint existing windows.
3. Rebuild wood windows to match historic character of building. This will require repainting on a periodic basis.
4. Replace windows with anodized aluminum frames with insulated glass.

Rationale for Selection of a Particular Alternative:

The windows in this building have deteriorated to the point where repair is nearly impossible. Caulking is not possible because the base wood is crumbling. The windows are so loose now that the winter wind howls in and brings snow with it. Alternatives # 4 provides the most maintenance free solution, however the State historic Preservation Office prefers Alternative # 3.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture & Engineering

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	109,710
4. Architectural/Engineering Fees:	$	10,970
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	12,070
9. Other:	$	
	$	
TOTAL COST	$	132,750
Less other funds available Source	$	-0-
	$	
STATE FUNDS REQUIRED	$	132,750*

*Tech requested $66,000 to fund project.

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Maintenance and Improvement Projects
Project Priority 18
Biennium 1990 - 1991

Department STATE LANDS
Agency/Program Field Operations

A. THIS PROJECT: (Check one)
___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Statewide

(Check where appropriate)
x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Complete a variety of projects to maintain and improve facilities using Job Corp labor where possible. This project would be funded through the Capital Projects Fund contingent on funds being available.

Impact on Existing Facilities:

Projects will provide adequate water supply at Garrison Station, correct safety deficiencies, and extend life of buildings.

Number to be served by Facility: N/A

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Unit offices and Initial attack Stations are in need of major repairs and improvements. Refer to the General Narrative for specific projects to be accomplished.

E. ALTERNATIVES CONSIDERED:

1. Continue to tolerate deficiencies and patch reoccurring leaks.

2. Complete projects on a priority basis as funds allow.

Rationale for Selection of a Particular Alternative:

Performing projects meets safety and health needs of employees working and residing at state facilities.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: local contractors

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	27,800
4. Architectural/Engineering Fees:	$	3,300
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	3,100
9. Other:	$	
	$	
TOTAL COST	$	34,200
Less other funds available Source	$	
	$	
STATE FUNDS REQUIRED	$	34,200

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

2. SECOND BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

3. THIRD BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

	Cost
Replace Water Well (Garrison Initial Attack Station) Existing well has run dry last three summers causing water to be hauled from town of Garrison. To provide suitable water for fire crews, a new well needs to be drilled and connected to the existing cistern.	$ 6000
Replace Existing Bathroom (Anaconda Unit Office) Existing bathroom does not have an adequate foundation, and as a result the floor and joists have rotted. Bathrooms are needed for office employees and fire crews who stay at bunkhouse facility. This project will replace the foundation, and repair the floor.	2,500
Repair Electrical Service (Southwestern Land Office Shop) The vehicle maintenance shop has inadequate wiring, and is in violation of the electrical code; the overhead door is worn beyond economical repair. This project will rewire, replace lights and install a new overhead door.	6,000
Install Office and Residence Alarm System (Anaconda Unit Office) Office has long history of theft and vandalism and security system is needed to prevent loss and reduce equipment replacement costs.	2,500
Replace Roofs (Helena & Clearwater) The roofs at Clearwater Forest residence is leaking, and the roofs at the Helena Unit Office, and Helena Interagency Fire Dispatch Center are unable to withstand high winds. This project would replace or repair roofs.	17,200
TOTAL	$ 34,200

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Remodel Grain Laboratory
Project Priority 19
Biennium 1990 - 1991

Department AGRICULTURE
Agency/Program Plant Industry Division

A. THIS PROJECT: (Check one)
___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: 821 17th Street North
Great Falls

(Check where appropriate)
x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Project will remodel the existing wood frame building to accommodate the NIR equipment and improve the heating/cooling system to create an environment which, complies with FGIS temperature and humidity requirements. (Refer to General Narrative for additional information).

Impact on Existing Facilities:

The remodeling will improve the efficiency of the operation, improve image, and bring area into compliance with federal regulations. Outdated equipment will be disposed of.

Number to be served by Facility: 3

Functional Space Requirements: 330 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Federal Grain Inspection Service (FGIS) has mandated a change from the kjeldahl protein system to the Near-Infra-Red (NIR) system. Temperature and relative humidity seriously affect the particle size of the ground flour and to some degree, the stability of the NIR instrument. The temperature of the room where grinders and NIR instruments are located must be maintained between 60 degrees and 80 degrees F. Relative humidity must be maintained between 25 and 75 percent.

E. ALTERNATIVES CONSIDERED:

1. Remodel to accommodate new system.

2. Continue present operation and suspend testing if temperature or humidity are not within acceptable ranges.

Rationale for Selection of a Particular Alternative:

Without the remodel the state could lose its official designation.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture & Engineering

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	35,400
4. Architectural/Engineering Fees:	$	4,956
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	3,690
9. Other: A&E Supervisory fee	$	1,364
Documents	$	90
TOTAL COST	$	45,500
Less other funds available Source 02453	$	45,500
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: March 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

Remodel existing Grain Laboratory Facility at 821 17th Street North, Great Falls, Montana. The proposed project will remodel the Protein Section of the building to accommodate the NIR Protein System. The remodeling project will include the partial removal of the kjeldahl digester and stills. General construction will include a humidity and exhaust system within the existing facility. Temperature and relative humidity seriously affect the particle size of the ground flour and to some degree, the stability of the NIR instrument.

The Protein Section (room) currently being utilized does not have adequate temperature and relative humidity controls. Currently, dust from the grinding process is being distributed throughout the building causing potential health problems for personnel. Dust particles are also causing a maintenance problem for sensitive data information systems.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Kokanee Salmon Facility
Project Priority 20
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Fisheries

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Either renovation or build original

B. LOCATION: Creston Springs or Somers

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

Conduct an engineering feasibility study to analyze cost and option to develop a kokanee salmon rearing facility. When engineering studies are completed, begin construction/renovation to the extent funds permit. (Refer to General Narrative for continued description).

Impact on Existing Facilities:

This project may result in the declaration of either Somers or Creston Springs site as surplus property, and may require additional property at the selected site.

Number to be served by Facility: Sportsman statewide

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Problems being addressed are repairs to existing facility, and developing a kokanee hatchery to meet statewide management needs for this species. Management requirements for kokanee could vary from 2 to 7 million fingerlings depending upon outcome of investigation presently underway in Flathead Lake.

Major repair urgently needed at Somers will be accomplished if this site is selected for the future kokanee facility.

E. ALTERNATIVES CONSIDERED:

1. Construction of new hatchery.
2. Modify one or more existing hatcheries to provide kokanee.
3. Rear kokanee at a federal hatchery as space permits.
4. Do not rear kokanee and let natural reproduction provide kokanee to the level this process permits.

Rationale for Selection of a Particular Alternative:

Not to rear kokanee was discarded because many waters that have good kokanee populations are supported solely by hatchery stocking. Selection of a particular site will depend on long range needs for kokanee, expansion potential, construction costs and operational costs.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Brinkman & Lenon Architects

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	419,290
4. Architectural/Engineering Fees:	$	38,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	43,770
9. Other: A&E Supervisory fee	$	15,500
	$	
TOTAL COST	$	516,560
Less other funds available		
Source 27154	$	225,000
53197	$	291,560
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1992

Number of Additional Personnel Required: Depends on option selected.

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)		
Personnel Services	$	-0-
Operating Expenses	$	16,000
Maintenance Expenses	$	3,500
2. SECOND BIENNIUM (92 - 93)		
Personnel Services	$	-0-
Operating Expenses	$	32,000
Maintenance Expenses	$	7,000
3. THIRD BIENNIUM (94 - 95)		
Personnel Services	$	-0-
Operating Expenses	$	35,200
Maintenance Expenses	$	7,700

GENERAL NARRATIVE MATERIAL

C. DESCRIPTION OF FACILITY: (continued)

A new facility will include water supply and distribution system, hatchery building and rearing units, egg incubating equipment, water treatment, employee housing, and miscellaneous site improvements.

Renovation of an existing facility will consist of repairs to hatchery building and residence, an additional employee residence, improve water collection/distribution systems and settling ponds.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Yellowstone Road Improvements
Project Priority 21
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Fisheries

A. THIS PROJECT: (Check one)

x Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Glendive

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project will improve the road utilized for access to a walleye spawning location on the Yellowstone River. The road is presently impassable to two-wheel drive vehicles during wet weather.

Impact on Existing Facilities:

Access will be improved.

Number to be served by Facility: N/A

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Each spring the Department uses this private road for access to a walleye spawning location. Eggs are collected for hatching. The road must be improved to ensure continued access and eliminate problems caused the landowner by Department use.

E. ALTERNATIVES CONSIDERED:

1. Purchase: The short period of use does not justify purchase and the road would still need improvement.

2. No Action: The landowner is very cooperative but will become less so if he continues to be impacted by Department activities.

Rationale for Selection of a Particular Alternative:

See above.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	15,707
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other: A&E Supervisory fee	$	155
	$	
TOTAL COST	$	15,862
Less other funds available		
Source 02409	$	3,965
03097	$	11,897
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Fishing Access Site Improvements
Project Priority: 22
Biennium: 1990 - 1991

Department: FISH, WILDLIFE AND PARKS
Agency/Program: Fisheries

A. THIS PROJECT: (Check one)

x Is an Original Facility
x Is an Add. to Exist. Fac.
___ Other

x Reno. an Existing Fac.
___ Replaces Existing Fac.

B. LOCATION: Statewide

(Check where appropriate)

x Site on Owned Property
x Site to be Selected
___ Site Already Selected

___ Util. Already Available
___ Access Already Available

C. DESCRIPTION OF FACILITY:
General Description:

Basic improvements to the Department's fishing access sites are needed in order to protect the property investment and the environment of the sites.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Department owns some 250 fishing access sites. Some need to be fenced to protect them from livestock trespass. In some cases, basic facilities such as roads, signs, boat ramps, and latrines are needed to allow for public use with minimal site degradation. Sites will be selected on a priority basis to receive improvements.

E. ALTERNATIVES CONSIDERED:

No Action: Property and the environment of the sites would deteriorate.

Impact on Existing Facilities:

Existing facilities will be upgraded, access will be improved, and property will be protected from degradation.

Rationale for Selection of a Particular Alternative:

See Alternatives Considered

Number to be served by Facility: N/A

Functional Space Requirements: N/A

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	396,040
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other: A&E Supervisory fee	$	3,960
	$	
TOTAL COST	$	400,000
Less other funds available		
Source 03097	$	300,000
02409	$	100,000
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Engineering Study Bearpaw Dam
Project Priority 23
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Fisheries

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Study of an existing facility

B. LOCATION: Havre

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The study will recommend improvements to Bearpaw Dam which lies south and upstream of, Havre on Beaver Creek. The reservoir above the dam is used for recreation.

Impact on Existing Facilities:

None

Number to be served by Facility: N/A

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing structure was declared unsafe by a Corp of Engineer Phase I dam safety inspection. Additional engineering work is required to determine the nature, severity, and recommended steps and costs to correct these problems. This is a first step in complying with the 1987 Dams Safety Law.

E. ALTERNATIVES CONSIDERED:

1. No Action: A potential serious safety problem will continue, without knowledge of severity, immediacy, or cost.

2. Evaluate seriousness of deficiencies and identify remedies and costs.

3. Estimate repair cost and try to correct problems with funds available.

Rationale for Selection of a Particular Alternative:

Alternative # 2 provides additional information and identifies cost/benefit of solutions so an informed decision can be made.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	
4. Architectural/Engineering Fees:	$	100,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other:	$	
	$	
TOTAL COST	$	100,000
Less other funds available		
Source 03097	$	75,000
02409	$	25,000
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

2. SECOND BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

3. THIRD BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Clearwater Fish Barrier Alterations
Project Priority 24
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Fisheries

A. THIS PROJECT: (Check one)

___ Is an Original Facility
___ Is an Add. to Exist. Fac.
___ Other
x Reno. an Existing Fac.
___ Replaces Existing Fac.

B. LOCATION: Seeley Lake

(Check where appropriate)

x Site on Owned Property
___ Site to be Selected
___ Site Already Selected
___ Util. Already Available
___ Access Already Available

C. DESCRIPTION OF FACILITY:
General Description:

There is an existing fish barrier in the Clearwater River above Seeley Lake. One of two options will be pursued. Either the existing structure will be enlarged and repaired or the structure will be breached.

Impact on Existing Facilities:

Refer to Explanation of the Problem Being Addressed.

Number to be served by Facility: N/A

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing fish barrier is in need of enlargement and repair in order to safely pass potential floods. A group of Seeley residents would prefer to see the structure breached. A decision on which way to go will be made with opportunity for public comment.

E. ALTERNATIVES CONSIDERED:

1. Enlarge and repair
2. Breach
3. No Action

Rationale for Selection of a Particular Alternative:

To breach would allow undesirable fish species to migrate upstream. No action would continue to pose a potential liability problem.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	4,200
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	80,000
4. Architectural/Engineering Fees:	$	6,800
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	8,000
9. Other: A&E Supervisory fee	$	1,000
	$	
TOTAL COST	$	100,000
Less other funds available		
Source 03097	$	75,000
02409	$	25,000
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Dam Inspection
Project Priority 25
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Fisheries

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Engineering analysis

B. LOCATION: Statewide

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The Department owns or has an interest in several dams across the state. A initial analysis indicates that 7 of the structures may qualify as a 'dam' under the Dam Safety Law. An analysis of the physical integrity and potential liability of these structures needs to be made.

Impact on Existing Facilities:

None

Number to be served by Facility: N/A

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The structural integrity of the structures at the 7 identified sites need to be examined. This program will be similar to the Corps of Engineers Phase I inspection program. The intent will be to identify potential problems, if any, for further action.

E. ALTERNATIVES CONSIDERED:

No Action: At present the Department does not know what potential liability problems these dams may present. No action would continue the mystery.

Rationale for Selection of a Particular Alternative:

See Alternatives Considered

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	
4. Architectural/Engineering Fees:	$	30,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other:	$	
	$	
TOTAL COST	$	30,000
Less other funds available Source 02409	$	30,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

2. SECOND BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

3. THIRD BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Construct Region 2 Headquarters Storage
Project Priority 26
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Administration

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
x Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Region 2 Headquarters
Missoula

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project will provide a storage shed to protect Department equipment, boats, snowmobiles, etc. from deterioration due to sun and weather.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Existing equipment and machinery deteriorates at an accelerated rate because of exposure to the elements.

E. ALTERNATIVES CONSIDERED:

1. No action

2. Construct vehicle shelter

Impact on Existing Facilities:

Increase covered storage area.

Rationale for Selection of a Particular Alternative:

No action would require accelerated maintenance and replacement of vehicles and equipment.

Number to be served by Facility: 25

Functional Space Requirements: 3000 sq. ft.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	24,685
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other: A&E Supervisory fee	$	1,235
	$	
TOTAL COST	$	25,920
Less other funds available Source 02409	$	25,920
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

2. SECOND BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

3. THIRD BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Wildlife Habitat Acquisition
Project Priority 27
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Wildlife

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Acquisition

B. LOCATION: Statewide

(Check where appropriate)

___ Site on Owned Property ___ Util. Already Available
x Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project will acquire an interest in land critical to wildlife either through lease, easement or fee title.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Critical lands for wildlife are being subjected to conflicting uses. Acquisition of interest in certain critical areas will aid the Department in meeting its goal and objectives for the public as stated in the Departments strategic plan.

E. ALTERNATIVES CONSIDERED:

1. Acquire properties with funds available.

2. No action

Impact on Existing Facilities:

Improve recreational opportunities for sportsman, increase winter range land.

Rationale for Selection of a Particular Alternative:

Alternative # 1 allows the Department to meet recreation demands of the public, and maintain wildlife population.

Number to be served by Facility: N/A

Functional Space Requirements: N/A

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	5,226,400
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other:	$	
	$	
TOTAL COST	$	5,226,400
Less other funds available Source 02409	$	5,226,400
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1992

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Waterfowl Habitat Enhancement
Project Priority 28
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Wildlife

A. THIS PROJECT: (Check one)

x Is an Original Facility x Reno. an Existing Fac.
x Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Acquisition

B. LOCATION: Statewide

(Check where appropriate)

___ Site on Owned Property ___ Util. Already Available
x Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project will include dike construction, island construction, water control structures, fence construction to control livestock grazing and the use of leases, easements and acquisition to protect and improve wetland/upland complexes.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Waterfowl production is low. Production can best be improved by providing additional habitat.

E. ALTERNATIVES CONSIDERED:

No Action: Waterfowl in Montana will continue to decline.

Impact on Existing Facilities:

Improve waterfowl habitat and populations.

Rationale for Selection of a Particular Alternative:

See Alternatives Considered

Number to be served by Facility: N/A

Functional Space Requirements: N/A

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	420,255
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other: A&E Supervisory fee	$	4,245
	$	
TOTAL COST	$	424,500
Less other funds available Source 02085	$	424,500
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1992

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Bighorn Sheep Habitat Acquisition
Project Priority 29
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Wildlife

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Acquisition

B. LOCATION: Statewide

(Check where appropriate)

___ Site on Owned Property ___ Util. Already Available
x Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project will provide habitat for Bighorn sheep by purchase, conservation easement, leases, or land exchange.

In some cases access may be improved through negotiation, purchase, or easement.

Impact on Existing Facilities:

Improve Montana's Bighorn sheep herds.

Number to be served by Facility: N/A

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Key habitat for Bighorn sheep is being lost to other uses which prevents future expansion of sheep populations.

E. ALTERNATIVES CONSIDERED:

No Action: Habitat will continue to be lost.

Rationale for Selection of a Particular Alternative:

See Alternatives Considered

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	211,600
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other:	$	
	$	
TOTAL COST	$	211,600
Less other funds available Source 02086	$	211,600
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1992

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

2. SECOND BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

3. THIRD BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Boat Facilities
Project Priority 30
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Fisheries

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Combination of all of above

B. LOCATION: Statewide

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
x Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Provide boat access and facilities at various locations statewide.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Access to waters used for boating is in need of improvement, along with other amenities to serve the boating public. The Federal program mandates that at least 10% of the funding be used for boating improvements.

E. ALTERNATIVES CONSIDERED:

No Action: The public would continue to be inadequately served.

Impact on Existing Facilities:

Increase availability of boating facilities.

Rationale for Selection of a Particular Alternative:

See Alternatives Considered

Number to be served by Facility: N/A

Functional Space Requirements: N/A

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	1,189,800
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other: A&E Supervisory fee	$	11,893
	$	
TOTAL COST	$	1,201,693
Less other funds available		
Source 02409	$	300,423
03097	$	901,270
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)		
Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	
2. SECOND BIENNIUM (N/A)		
Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	
3. THIRD BIENNIUM (N/A)		
Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title State Park Maintenance & Development
Project Priority 31
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Recreation

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
x Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Statewide

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
x Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project will accomplish major maintenance and development at State Park System sites statewide.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Of more than 60 State Park sites, most are in need of maintenance and improvement. Examples of items that may be included are replacing comfort stations and latrines, stabilization of historic structures, improving roads, trails, sewer systems and water systems, expanding irrigation systems, etc., or adding facilities to improve visitor service and enhance revenue collection.

E. ALTERNATIVES CONSIDERED:

No Action: Facilities in need of replacement, repair or construction will deteriorate.

Impact on Existing Facilities:

Maintains and improve state park system sites.

Rationale for Selection of a Particular Alternative:

See Alternatives Considered

Number to be served by Facility: N/A

Functional Space Requirements: N/A

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	316,830
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other: A&E Supervisory fee	$	3,170
	$	
TOTAL COST	$	320,000
Less other funds available		
Source 02408	$	160,000
FPRA 03098	$	160,000
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)		
Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	
2. SECOND BIENNIUM (N/A)		
Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	
3. THIRD BIENNIUM (N/A)		
Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title State Property Improvement
Project Priority 32
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
x Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Statewide

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
x Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project will construct fences, roads, etc. to provide basic improvements to Department property statewide.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Department properties are in need of basic improvements in order to develop and protect them for the purpose intended. Properties such as game ranges, State Parks System sites, and other Department lands and facilities need basic improvements, maintenance, and replacement in order to protect facilities and resources from deterioration.

E. ALTERNATIVES CONSIDERED:
No Action: Department properties would deteriorate.

Impact on Existing Facilities:

Allow properties to be used for their intended purposes.

Rationale for Selection of a Particular Alternative:

See Alternatives Considered

Number to be served by Facility: N/A

Functional Space Requirements: N/A

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	262,410
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other: A&E Supervisory fee	$	2,627
	$	
TOTAL COST	$	265,037
Less other funds available Source 02410	$	265,037
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

2. SECOND BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

3. THIRD BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Fishing Access Site Acquisition
Project Priority: 33
Biennium: 1990 - 1991

Department: FISH, WILDLIFE AND PARKS
Agency/Program: Fisheries

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Acquisition

B. LOCATION: Statewide

(Check where appropriate)

___ Site on Owned Property ___ Util. Already Available
x Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project will provide the funding to allow the continuation of the fishing access site acquisition program. It will provide sites statewide for fishing access and recreation.

Fishing license revenue is earmarked by law for this acquisition program.

Impact on Existing Facilities:

Relieve overcrowding at some existing sites.

Number to be served by Facility: N/A

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Demand for access to fishing waters is constantly increasing. This project will help alleviate the problem.

E. ALTERNATIVES CONSIDERED:

1. No Action: This would be contrary to existing legislation.
2. Accelerated Program: The license dollars to accomplish are not presently available.
3. Obtain access by other means, such as by less than fee title. This action is always explored and is dismissed if: a) this action would increase landowner/user conflicts or b) the landowner is unwilling to transfer rights strong enough to protect continued public interest in the land.

Rationale for Selection of a Particular Alternative:

1. A no-action program would preclude obtaining rights to desirable properties.
2. Funding is not available for support from present sources.
3. This option is always used when it is in the best interest of the resource and the public.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish Wildlife and Parks

1. Land Acquisition:	$	525,755
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other:	$	
	$	
TOTAL COST	$	525,755
Less other funds available Source 02415	$	525,755
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: 2 FTE

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)

Personnel Services	$	24,000
Operating Expenses	$	12,000
Maintenance Expenses	$	-0-

2. SECOND BIENNIUM (92 - 93)

Personnel Services	$	24,470
Operating Expenses	$	12,230
Maintenance Expenses	$	-0-

3. THIRD BIENNIUM (94 - 95)

Personnel Services	$	25,200
Operating Expenses	$	13,215
Maintenance Expenses	$	-0-

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title East Gallatin Park
Project Priority 34
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Recreation

A. THIS PROJECT: (Check one)
___ Is an Original Facility ___ Reno. an Existing Fac.
x Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Bozeman

(Check where appropriate)
x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project will establish authority to accept donations for development of facilities or stabilization and improvement of park resources. Any work or donations will be done in accordance with the general guidelines of the established master plan.

Impact on Existing Facilities:

Make site usable for recreation.

Number to be served by Facility: N/A

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Local groups, agencies, and individuals wish to participate in improvements to this popular recreation area. The work will be done and money spent by the local groups. Authority for the work is required by law (18-2-102 MCA).

E. ALTERNATIVES CONSIDERED:

Not allow groups to improve property.

Rationale for Selection of a Particular Alternative:

Alternatives are contrary to common sense.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	100,000
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other:	$	
	$	
TOTAL COST	$	100,000
Less other funds available Source 03098	$	100,000*
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1992

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

*Project will be donated labor and materials, no accounting entity will be established.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Lewis and Clark Caverns
Project Priority 35
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Parks

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: East of Whitehall

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The concession building is being remodeled and brought into code compliance by the new tenant.

Phase I of the project for $25,000 has been completed. The second phase will complete the remodel, improve public rest rooms and blend the building aesthetically with the other buildings.

Impact on Existing Facilities:

Improve a neglected concession.

Number to be served by Facility: N/A

Functional Space Requirements: 2,900 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing structure is unsound, does not meet code, is unsightly, and does not blend in architecturally with the other structures.

The facility will be completely renovated by the concessionaire under an agreement whereby he funds and constructs the improvements with Department review and approval. In return, the concession royalty payments will be forgiven for the time required to repay the cost.

E. ALTERNATIVES CONSIDERED:

1. Close concession, and demolish building.

2. Allow leaseholder to improve building and adjust royalty payments.

3. Contract for improvements from available funds.

Rationale for Selection of a Particular Alternative:

The concession is an important amenity because of the isolated nature of the caverns. Alternative # 2 is most beneficial arrangement to accomplish project with limited funds.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Fish, Wildlife and Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	75,000
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other:	$	
	$	
TOTAL COST	$	75,000
Less other funds available Source 03098	$	75,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

2. SECOND BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

3. THIRD BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Maintenance Projects, Statewide
Project Priority 36
Biennium 1990 - 1991

Department HIGHWAYS
Agency/Program Maintenance and Equipment Div.

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Repair and Maintain Facilities

B. LOCATION: Statewide

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Provide miscellaneous improvements and repairs to many of the more than 650 buildings operated by the Department. The project will maintain the structures in an energy efficient and usable condition.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED

This money is used to make repairs to existing buildings. Typically repairs include replacement of unit heaters, underground storage tanks, gas pumps, roof repairs, fencing projects and other miscellaneous repairs. During the last biennium much of the funds were used to provide energy efficient retrofits such as replacing garage doors with insulated ones, purchasing various insulating materials that can be installed by Highway employees and insulating buildings.

E. ALTERNATIVES CONSIDERED:

1. Do nothing and allow facilities to deteriorate.

2. Perform only minor repairs and upkeep.

3. Perform major maintenance addition and upgrading.

Impact on Existing Facilities:

Upgrade and improve.

Rationale for Selection of a Particular Alternative:

The third alternative is preferred. The Highway Department is dedicated to reducing energy costs as much as possible. In order to do this an investment in upgrading most of our buildings is necessary. This alternative will extend the expected useful life of the buildings and improve working conditions.

Number to be served by Facility: Highway Department

Functional Space Requirements: N/A

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Historical and Research

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	470,000
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	25,000
6. Landscaping & Site Development:	$	
7. Equipment:	$	200,000
8. Contingencies:	$	17,500
9. Other: A&E Supervisory fee	$	37,500
	$	
TOTAL COST	$	750,000
Less other funds available Source 02422	$	750,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

The Highway Department maintains various facilities virtually in every part of the State. These facilities include section headquarters for 133 maintenance crews, 11 District and Area offices, all with attached repair garages, G.V.W. weigh stations, numerous equipment sheds and sandhouses detached from section headquarters. In Helena the department maintains a highway headquarters three story complex plus a multi purpose equipment repair and fabrication shop, sign shop and carpentry buildings, multiple buildings at the fairgrounds and hangar building. Total buildings are in excess of 650.

This programs objective is to maintain our buildings in a usable and energy efficient condition. Included in this program would be items such as repairing and replacing overhead garage doors, replacing water pumps, adding insulation to decrease energy costs, adding storm windows, upgrading of wiring, road oil tanks, furnaces, and roofs.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Maintenance Section Headquarters Complex
Project Priority 37
Biennium 1990 - 1991

Department HIGHWAYS
Agency/Program Maintenance and Equipment Division

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. x Replaces Existing Fac.
___ Other

B. LOCATION: Bridger

(Check where appropriate)

___ Site on Owned Property ___ Util. Already Available
x Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project will construct a 5 stall equipment garage with office, toilet and work bench area. A sign shed, sander racks and oil storage tanks will be relocated to this site.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED

Complex site is too small and adjacent land for expansion is not available. Buildings are too small and it is not possible to enlarge them without totally dismantling and reconstructing. The current equipment will not fit in a building less than 44 feet deep.

E. ALTERNATIVES CONSIDERED:

1. Renovation and enlarge buildings.

2. Construct a new complex at a different site.

Impact on Existing Facilities:

Existing garage will be sold or demolished; other buildings, tanks, and equipment will be relocated to the new site.

Rationale for Selection of a Particular Alternative:

There is no space available to enlarge buildings, therefore it does not appear to be practical or cost effective to select alternative # 1.

Number to be served by Facility: 3

Functional Space Requirements: 3,700 sq. ft.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Historical and A & E

1. Land Acquisition:	$	15,000
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	111,570
4. Architectural/Engineering Fees:	$	200
5. Utilities:	$	3,500
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	5,975
9. Other: A&E Supervisory fee	$	4,215
	$	
TOTAL COST	$	140,460
Less other funds available Source 02422	$	140,460
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Construct Sandhouses
Project Priority: 38
Biennium: 1990 - 1991

Department: HIGHWAYS
Agency/Program: Maintenance and Equipment Division

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
x Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Helena Headquarters, 1 mile west of Lincoln, and Cascade Interchange

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

The project will construct three buildings to store a winter supply of sand. Historically a wood frame, metal skin building (40' x 80') with 8' concrete walls has proven to work well. These will be the same. Electrical service to consist of overhead lighting and receptacles for equipment headbolt and tank heaters.

Impact on Existing Facilities:

Upgrade Sand storage to provide better service to the traveling public.

Number to be served by Facility: Maintenance crews

Functional Space Requirements: 3,200 each

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Sand is presently stockpiles in the open and gets wet during fall rains and early winter wet snows. Sand becomes unusable during winter because frozen sand chunks will not pass through the spreader. The sandhouses will reduce distance to haul sand, thereby conserving energy and equipment while improving winter maintenance.

E. ALTERNATIVES CONSIDERED:

Helena Headquarters and Lincoln Interchange:

1. Continue to store sand in the open, where it is susceptible to freezing, thus jeopardizing timely winter road maintenance.

2. Build new facility.

Rationale for Selection of a Particular Alternative:

Alternative # 2 is the least expensive solution to the problems and because it eliminates the need to chemically treat sand, and will improve service to the traveling public.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Historical and A & E

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	2,000
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	104,000
4. Architectural/Engineering Fees:	$	300
5. Utilities:	$	2,700
6. Landscaping & Site Development:	$	3,100
7. Equipment:	$	500
8. Contingencies:	$	1,500
9. Other: A&E Supervisory fee	$	3,600
Bldg. permits	$	1,100
TOTAL COST	$	118,800
Less other funds available Source 02422	$	118,800
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION

Expected Completion Date: 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)		
Personnel Services	$	-0-
Operating Expenses	$	400
Maintenance Expenses	$	-0-
2. SECOND BIENNIUM (92 -93)		
Personnel Services	$	-0-
Operating Expenses	$	450
Maintenance Expenses	$	300
3. THIRD BIENNIUM (94 - 95)		
Personnel Services	$	-0-
Operating Expenses	$	650
Maintenance Expenses	$	400

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Land Acquisition, Kalispell
Project Priority: 39
Biennium: 1990 - 1991

Department: HIGHWAYS
Agency/Program: Maintenance and Equipment Division

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other acquires land adjacent to present site.

B. LOCATION: Kalispell Maintenance Headquarters
Kalispell

(Check where appropriate)

___ Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Purchase property adjacent the Maintenance Headquarters to accommodate future expansion.

Impact on Existing Facilities:

None

Number to be served by Facility: 10

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Land is needed for new material lab and office building. The present lab is too small and inconvenient for the large scale testing that we do. The office building is old and outdated, it has become overcrowded and is no longer suitable. Present office space could utilized as offices for the shop foreman, stock person or the construction personnel

E. ALTERNATIVES CONSIDERED:

1. Move the maintenance site out of the city limits and build a whole new complex.

Rationale for Selection of a Particular Alternative:

The addition was a less expensive alternative to the problem.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Land owner

1. Land Acquisition:	$	80,000
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other:	$	
	$	
TOTAL COST	$	80,000
Less other funds available Source 02422	$	80,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Headquarters Renovation
Project Priority 40
Biennium 1990 - 1991

Department HIGHWAYS
Agency/Program Maintenance and Equipment Div.

A. THIS PROJECT: (Check one)
___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Glendive District Headquarters Complex
Glendive

(Check where appropriate)
x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will replace eight windows with more energy efficient units, and block out five windows to match adjacent brick veneer. I will also provide ventilation between the ceiling vapor barrier, and the roof membrane.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The headquarters shop has energy inefficient windows which contribute to high heating costs. Moisture in roof insulation promotes roof membrane deterioration and increases maintenance costs.

E. ALTERNATIVES CONSIDERED:

Delay modifications

Impact on Existing Facilities:

None

Rationale for Selection of a Particular Alternative:

There are no practical alternatives to the renovation of the facility.

Number to be served by Facility: 7

Functional Space Requirements: 19,300

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Building Contractor

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	60,400
4. Architectural/Engineering Fees:	$	6,040
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	3,860
9. Other: A&E Supervisory fee	$	2,180
	$	
TOTAL COST	$	72,480
Less other funds available Source 02422	$	72,480
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)		
Personnel Services	$	-0-
Operating Expenses	$	5,000
Maintenance Expenses	$	-0-
2. SECOND BIENNIUM (92 - 93)		
Personnel Services	$	-0-
Operating Expenses	$	5,000
Maintenance Expenses	$	8,000
3. THIRD BIENNIUM (94 - 95)		
Personnel Services	$	-0-
Operating Expenses	$	5,000
Maintenance Expenses	$	-0-

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Construct Equipment Storage Additions
Project Priority 41
Biennium 1990 - 1991

Department HIGHWAYS
Agency/Program Maintenance and Equipment Division

A. THIS PROJECT: (Check one)
___ Is an Original Facility ___ Reno. an Existing Fac.
x Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Stanford, Shelby, Lewistown, Miles City, Wolf Point and Alberton

(Check where appropriate)
x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will add additional storage bays to the equipment storage garages at Stanford, Shelby, Lewistown and Alberton. The bays of the MIles City garage will be lengthened to accommodate new equipment. A new 4-bay garage will be constructed in Wolf Point. (See General Narrative for project descriptions and costs).

Impact on Existing Facilities:

Protected equipment has a longer usable life.

Number to be served by Facility: 3 or 4 person crew

Functional Space Requirements: varies

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

There is inadequate space for storage of equipment/store items, and inadequate office space. Larger equipment will not fit in some existing garages, and equipment stored in shops causes congestion and interferes with efficient equipment repair activities.

E. ALTERNATIVES CONSIDERED:

1. Do nothing
2. Build new or additions to existing facilities
3. Replace garages with new facilities

Rationale for Selection of a Particular Alternative:

Alternative # 2 will preserve equipment and hydraulic systems in severe weather, thus providing the greatest cost benefit in the long run.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Historical and A & E

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	357,500
4. Architectural/Engineering Fees:	$	8,000
5. Utilities:	$	2,200
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	39,200
9. Other: A&E Supervisory fee	$	12,580
	$	
TOTAL COST	$	419,480
Less other funds available Source 02422	$	419,480
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)

Personnel Services	$	-0-
Operating Expenses	$	1,300
Maintenance Expenses	$	500

2. SECOND BIENNIUM (92 - 93)

Personnel Services	$	-0-
Operating Expenses	$	1,300
Maintenance Expenses	$	500

3. THIRD BIENNIUM (94 - 95)

Personnel Services	$	-0-
Operating Expenses	$	1,300
Maintenance Expenses	$	1,000

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

Stanford	Construct a 1440 sq. ft. addition to accommodate 2 storage bays, office space, and storage area. The buildings will have propane heat, water, sewer and lights.	Cost: $ 58,425
Shelby	Add a 2000 sq. ft. steel building extension to one end of the existing garage. The addition will have 3 storage bays, a 100 sq. ft. office and a restroom. Windows on the existing building will be replaced with more energy efficient units.	Cost: $ 77,500
Lewistown	A 2560 sq. ft. 4 bay addition will be constructed. 4 stalls of existing garage will be insulated and heated.	Cost: $ 51,200
Miles City	The existing building will not accommodate the length of larger equipment. An extension to the full length of the east wall beginning at the roof peak and terminating 10' beyond the existing doors will be built. Doors will be relocated, and heating and lights will be modified.	Cost: $ 53,500
Wolf Point	Construct a 4800 sq. ft. warm equipment building to store large equipment, and repair equipment. This is the second of three phases to replace the existing welding steamroom building.	Cost: $101,350
Alberton	Construct a 2,000 sq. ft. building with three equipment storage bays, and an office.	Cost: $ 77,505
		Total Cost: $419,480

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Supervisor Housing Units
Project Priority 42
Biennium 1990 - 1991

Department INSTITUTIONS
Agency/Program Montana State Prison

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. x Replaces Existing Fac.
___ Other

B. LOCATION: Montana State Prison Ranch
West of Deerlodge

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
x Site to be Selected x Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

The project will use inmate labor to construct 3 family houses for Ranch supervisors. The houses will have basements and attached garages.

Impact on Existing Facilities:

New housing units will replace existing housing units which will be eventually torn down or converted to another use by the Main Prison.

Number to be served by Facility: 3 Families

Functional Space Requirements: 1500 sq. ft. each

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Current housing for 3 Ranch supervisors and families is in need of extensive repairs and major renovation. Buildings are in a rundown condition and in excess of 50 years old. Current location of residences has high inmate traffic and in a poor location for general prison traffic.

F. ALTERNATIVES CONSIDERED:

1. Remain in existing housing and make necessary repairs and major renovations to buildings. Cost of repair could equal cost of new housing.
2. Construct new housing units in another location to replace existing housing.
3. Leave housing as is. This is not a viable alternative as Ranch supervisors get no other benefit for the long work hours other than housing.

Rationale for Selection of a Particular Alternative:

Alternative # 2 was selected as being most cost effective and most productive personnel wise. Cost to repair existing housing is not considered cost effective, and no facilities are available to use while the reconstruction is in process. Housing for Ranch supervisors are able to work additional hours.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Vendor price quotes

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	500
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	116,000
4. Architectural/Engineering Fees:	$	1,000
5. Utilities:	$	3,500
6. Landscaping & Site Development:	$	3,000
7. Equipment:	$	3,000
8. Contingencies:	$	950
9. Other: well drilling	$	3,000
A&E Supervisory fee	$	4,050
TOTAL COST	$	135,000
Less other funds available Source	$	135,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

This project will construct three (3) housing units for MSP Ranch supervisors to replace existing housing. Ranch supervisors will construct the housing units using inmate labor. Approval for use of inmate labor on this project will be needed as MCA 53-1-301(1)(g) allows use of inmate labor only up to $25,000 in construction projects. No state funds are requested as funds from the MSP Ranch Revolving Fund will be used to finance all costs associated with the construction.
This project has been proposed to the MSP Ranch Advisory Committee and has their approval.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Tin Cup Joe Irrigation System
Project Priority 43
Biennium 1990 - 1991

Department INSTITUTIONS
Agency/Program Montana State Prison

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other replaces existing flood irrigation system

B. LOCATION: Montana State Prison Ranch
west of Deerlodge

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected x Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Construct sprinkler irrigation system with inmate labor to better utilize water from Tin Cup Joe Creek on available crop lands. Sprinkler system would allow for an additional 720 acres of which some is currently flood irrigated (310 acres), not irrigated (60 acres) or currently leased out (350 acres). Sprinkler irrigations best utilizes available water and allows for the greatest productivity on the Ranch.

Impact on Existing Facilities:
Will require some changes in present irrigation, primarily in emphasis of priority. More productive lands will be sprinkled, less productive areas flood irrigated for pasture.

Number to be served by Facility: N/A

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Project will improve efficiency of irrigation and will move priority of available water to the most productive lands. The total project, as planned, will allow for gravity pressure. (Irrigating only some of the acreage would involve pumping to achieve sprinkler pressure).

E. ALTERNATIVES CONSIDERED:

1. No changes

2. Pumping from existing ditch(s) to lower part of proposed project.

3. A new system with a new supply ditch in order to accomplish sprinkling with gravity pressure.

Rationale for Selection of a Particular Alternative:

Alternative # 3 was selected based on the following:
1. Gravity pressure is most economic long term option
2. Involves the most acreage for sprinkler irrigation
3. Irrigation efficiency would be highest
4. Includes all of the best lands for farming

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Historic data/current prices

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	1,000
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	167,000
4. Architectural/Engineering Fees:	$	2,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	10,000
7. Equipment:	$	4,000
8. Contingencies:	$	5,000
9. Other: misc. expenses	$	5,000
A&E Supervisory fee	$	6,000
TOTAL COST	$	200,000
Less other funds available Source 06533	$	200,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: 10

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (92 - 93)		
Personnel Services	$	6,000
Operating Expenses	$	-0-
Maintenance Expenses	$	1,500
2. SECOND BIENNIUM (94 - 95)		
Personnel Services	$	6,000
Operating Expenses	$	-0-
Maintenance Expenses	$	1,500
3. THIRD BIENNIUM (96 - 97)		
Personnel Services	$	6,000
Operating Expenses	$	-0-
Maintenance Expenses	$	1,500

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

The Tin Cup Joe irrigation system will allow for the best use of the Tin Cup Joe Creek water supply and allow for the greatest crop productivity. The gravity pressure irrigation project will run a ditch from Tin Cup Joe Creek to the irrigation site. This sprinkler system will create ranch jobs for 10 additional minimum security inmates increase crop production and contribute to the overall Ranch financial outlook. The project will be funded entirely by the MSP Ranch Revolving Fund.

This project has been proposed to and approved by the MSP Ranch Advisory Committee.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Acquisition of Arcade Building
Project Priority: 44
Biennium: 1990 - 1991

Department: LABOR AND INDUSTRY
Agency/Program: Workers' Compensation Division

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Acquire renovated space

B. LOCATION: Arcade Building, North Last Chance Gulch
Helena

(Check where appropriate)

___ Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Renovate and aquire the lower level of the Arcade Building for the State of Montana for cost of the improvements. Improvements include alteration of space to accommodate the Safety Bureau, including computer and telephone connections.

Impact on Existing Facilities:

Releases needed space in Peg Condon Building to accommodate additional staff who handle Workers' Compensation claims activity.

Number to be served by Facility: 36 employees

Functional Space Requirements: 10,000 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

With the addition of staff during the 1988 - 1989 biennium, the Workers' Compensation Division no longer has adequate space for all staff. Additional space is needed for the Safety Bureau and other employees.

E. ALTERNATIVES CONSIDERED:

1. Acquire and improve lower level of the Arcade Building.

2. Rent office space in downtown area for $7.00 per square foot per year = $70,000

Rationale for Selection of a Particular Alternative:

Most cost effective alternative was to make the necessary changes in Arcade Building with the understanding and opportunity to purchase the property for the State of Montana for the cost of improvements alone.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Workers' Compensation Div.

1. Land Acquisition:	$
2. Preliminary Expenses:	$
Site Survey:	$
Soil Testing:	$
Other:	$
3. Construction Cost	$
4. Architectural/Engineering Fees:	$
5. Utilities:	$
6. Landscaping & Site Development:	$
7. Equipment:	$
8. Contingencies:	$
9. Other: Office Acquisition	$ 50,000
	$
TOTAL COST	$
Less other funds available Source 02455	$ 50,000
	$
STATE FUNDS REQUIRED	$ -0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Acquire June 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)

Personnel Services	$ -0-
Operating Expenses	$ 8,880
Maintenance & Utilities	$ 40,250

2. SECOND BIENNIUM (92 - 93)

Personnel Services	$ -0-
Operating Expenses	$ 9,750
Maintenance & Utilities	$ 41,250

3. THIRD BIENNIUM (94 - 95)

Personnel Services	$ -0-
Operating Expenses	$ 10,750
Maintenance & Utilities	$ 42,250

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Power Supply Project
Project Priority 45
Biennium 1990 - 1991

Department LABOR AND INDUSTRY
Agency/Program Workers' Compensation Division

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other Renovates an existing computer system

B. LOCATION: Peg Condon Building, Helena

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

An uninterrupted power supply will be installed to prevent damage to equipment and down time. An uninterruptable power supply will protect against blackouts and provide emergency power for system shutdown in the case of power outage.

Impact on Existing Facilities:

None

Number to be served by Facility: All computer users

Functional Space Requirements: 53,875 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Present computer equipment has no power protection. Persistently poor power quality has and will continue to cause expensive equipment damage and down time for Division users.

E. ALTERNATIVES CONSIDERED:

1. Install uninterruptable power supply = $26,000

2. Maintain status quo

Rational for Selection of a Particular Alternative:

Alternative # 1 will prevent damage to equipment and down time for Division users.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Vendors

1. Land Acquisition:	$
2. Preliminary Expenses:	$
Site Survey:	$
Soil Testing:	$
Other:	$
3. Construction Cost	$
4. Architectural/Engineering Fees:	$
5. Utilities:	$
6. Landscaping & Site Development:	$
7. Equipment:	$ 26,000
8. Contingencies:	$
9. Other:	$
	$
TOTAL COST	$ 26,000
Less other funds available Source 02455	$ 26,000
	$
STATE FUNDS REQUIRED	$ -0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

2. SECOND BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

3. THIRD BIENNIUM (N/A)

Personnel Services	$
Operating Expenses	$
Maintenance Expenses	$

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title HVAC Replacement & Major Maintenance
Project Priority 46
Biennium 1990 - 1991

Department LABOR AND INDUSTRY
Agency/Program Job Service Division

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Helena Job Service
Helena

(Check where appropriate)

___ Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will replace heating/air conditioning unit, chip seal parking lot, and reseal roof.

Impact on Existing Facilities:

Improve comfort and working environment.

Number to be served by Facility: 24 staff & clients

Functional Space Requirements: 5,000 sq. ft..

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing heating/air condition unit was a prototype model when the building was built in 1970. Shortly thereafter the model was discontinued; parts are no longer available and repairmen are unable to keep unit running consistently. The unit is inefficient and hazardous to employees' health.

E. ALTERNATIVES CONSIDERED:

1. Complete major maintenance items

2. Continue to use inefficient heating/air conditioning unit

Rationale for Selection of a Particular Alternative:

New heating/air conditioning unit will save energy and money. Completion of major maintenance items protects the building its contents, and the site from further deterioration.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Helena Job Service Manager

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	39,500
4. Architectural/Engineering Fees:	$	4,740
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	7,750
9. Other:	$	
A&E Supervisory fee	$	1,610
TOTAL COST	$	53,600
Less other funds available Source 03128	$	53,600
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Repair Settling Damage
Project Priority: 47
Biennium: 1990 - 1991

Department: LABOR AND INDUSTRY
Agency/Program: Job Service Division

A. THIS PROJECT: (Check one)
___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Great Falls Job Service
Great Falls

(Check where appropriate)
___ Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will repair walls and floors in the building that have cracked due to settling. The elevator tracks will be realigned.

Impact on Existing Facilities:

Repair damage

Number to be served by Facility: 32 staff & clients

Functional Space Requirements: 15,452 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The facility was built on unstable ground. Periodic repair is necessary to maintain the structure and prevent serious damage to plumbing. Elevator shaft is shifting. Building walls settle while basement floor rises.

E. ALTERNATIVES CONSIDERED:

1. Complete repairs = $50,000

2. Rent Space = $800,000 per year

3. Buy a building = $2,500,000

4. Build a new building = $3,000,000

Rationale for Selection of a Particular Alternative:

Higher costs to rent, buy, or build another facility with equal square footage, so repairs will be completed.
Makes alternative # 1 the most cost effective solution.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Great Falls Job Service Manager

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	40,650
4. Architectural/Engineering Fees:	$	3,440
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	4,410
9. Other: A&E Supervisory fee	$	1,500
	$	
TOTAL COST	$	50,000
Less other funds available Source 03128	$	50,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Heating Unit Replacement
Project Priority 48
Biennium 1990 - 1991

Department LABOR AND INDUSTRY
Agency/Program Job Service Division

A. THIS PROJECT: (Check one)
___ Is an Original Facility _x_ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other _____

B. LOCATION: Missoula Job Service, Missoula

(Check where appropriate)
___ Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will replace old and hazardous heating unit.

Impact on Existing Facilities:

Improve staff and client comfort.

Number to be served by Facility: 35 staff & clients

Functional Space Requirements: 10,200 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Existing heating unit is inefficient and requires constant repair and maintenance when in use. Unit is hazardous to employees' health.

E. ALTERNATIVES CONSIDERED:

1. Replace old heating unit with new unit = $50,000

2. Continue to use inefficient heating unit and pay excessive repair costs.

Rationale for Selection of a Particular Alternative:

New heating unit will protect employees' health, save energy, and save money.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Missoula Job Service

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	44,900
4. Architectural/Engineering Fees:	$	3,600
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other: A&E Supervisory fee	$	1,500
	$	
TOTAL COST	$	50,000
Less other funds available Source 03128	$	50,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: October 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Construct/Purchase Butte Job Service
Project Priority 49
Biennium 1990 - 1991

Department LABOR AND INDUSTRY
Agency/Program Job Service Division

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other expand existing or relocate to new facility

B. LOCATION: Butte Job Service
Butte

(Check where appropriate)

___ Site on Owned Property ___ Util. Already Available
x Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:
Remodel/expand existing building or relocate to new facility in order to consolidate staff/operations and provide employment and training services to the public in one location. To collocate in the existing building the basement will be remodeled into usable office space and both floors would be expanded to the alley. A second option of relocation both programs to a new location is being explored.

Impact on Existing Facilities:

May vary depending on alternative selected.

Number to be served by Facility: 21 staff & clients

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Space must be rented to accommodate staff who operate job training programs. Decentralization causes communication and logistics problems. Rental space is expensive and inadequately maintained.

E. ALTERNATIVES CONSIDERED:

1. Remodel and expand existing facility.

2. Rent larger office to accommodate all staff.

3. Purchase a new facility to accommodate all staff.

4. Build a new facility on a site not yet selected.

Rationale for Selection of a Particular Alternative:

Alternative # 1 was selected to improve service to public by collocating training and placement services in one location. It is the basis for funding request. The option of relocating to a new facility is being considered and may be presented to the legislature.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Butte Job Service Manager

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	164,670
4. Architectural/Engineering Fees:	$	21,400
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	18,600
9. Other: A&E Supervisory fee	$	6,330
	$	
TOTAL COST	$	211,000
Less other funds available Source 03128	$	211,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: unknown

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: unknown

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Parking Lot Construction
Project Priority: 50
Biennium: 1990 - 1991

Department: LABOR AND INDUSTRY
Agency/Program: Job Service Division

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
x Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Havre Job Service
Havre

(Check where appropriate)

___ Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Purchase adjacent land for use as a parking lot, pave surface and stripe for client parking. One space would be designated for the Handicapped.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Office has insufficient parking available for the public. Clients may walk some distance to office when street parking spaces around office are occupied.

E. ALTERNATIVES CONSIDERED:

1. Buy adjacent lot and pave = $10,000

2. Continue to use street parking spaces when available.

Impact on Existing Facilities:

Improve public parking.

Rationale for Selection of a Particular Alternative:

Providing parking for public use improves services to the client and improves public relations.

Number to be served by Facility: all clients

Functional Space Requirements: N/A

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Havre Job Service Manager

1. Land Acquisition:	$	7,000
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	2,860
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other: A&E Supervisory fee	$	140
	$	
TOTAL COST	$	10,000
Less other funds available Source 03128	$	10,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: Summer 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)		
Personnel Services	$	-0-
Operating Expenses	$	-0-
Maintenance Expenses	$	300
2. SECOND BIENNIUM (92 - 93)		
Personnel Services	$	-0-
Operating Expenses	$	-0-
Maintenance Expenses	$	320
3. THIRD BIENNIUM (94 - 95)		
Personnel Services	$	-0-
Operating Expenses	$	-0-
Maintenance Expenses	$	340

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Basement Renovation
Project Priority: 51
Biennium: 1990 - 1991

Department: LABOR AND INDUSTRY
Agency/Program: Job Service Division

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other _____

B. LOCATION: Bozeman Job Service
Bozeman

(Check where appropriate)

___ Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Maximize basement space for use as office space, meeting area, and storage. Provide Handicapped access to the basement.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Basement space is being wasted. Main floor area is crowded. Need to design space for group meetings with telephone and computer capabilities.

E. ALTERNATIVES CONSIDERED:

1. Remodel basement area
2. Rent other office space
3. Build a new building

Impact on Existing Facilities:

Reduce overcrowding

Rationale for Selection of a Particular Alternative:

Alternative # 1 least expensive alternative is the remodeling of basement area.

Number to be served by Facility: 15 staff & clients

Functional Space Requirements: Approx. 2000 sq. ft.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture & Engineering

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	63,700
4. Architectural/Engineering Fees:	$	7,500
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment: Furnishings	$	17,700
8. Contingencies:	$	7,400
9. Other: A&E Supervisory fees	$	3,700
permits	$	700
TOTAL COST	$	100,000
Less other funds available Source 03128	$	100,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: April 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Interagency Fire Center and Hanger
Project Priority 52
Biennium 1990 - 1991

Department STATE LANDS
Agency/Program Field Operations

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
x Other relocates & renovates an existing facility

B. LOCATION: 8001 North Montana Ave.
Helena

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Project will dismantle the old Great Falls F.W.&P. building and erect it north of Helena. The building will be renovated to provide a center for all area fire operations and house the Helicopter, pilot, lead dispatcher and other related fire personnel. The facility will provide for multiple fire coordination and properly sized training classrooms.

Impact on Existing Facilities:

Will make one room of building #11 available for other use.

Number to be served by Facility: 11-40 employees
4000 sq. ft. office/training room
Functional Space Requirements: 2000 sq. ft. Hanger

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Department of State Lands has responsibility for forest fire protection throughout 13 counties. Proper facilities for dispatch, communication, training and aircraft is needed. (Refer to General Narrative for additional information).

E. ALTERNATIVES CONSIDERED:

1. Reconstruct an existing building into a multipurpose fire center.

2. Construct a "NEW" multipurpose fire center.

3. Continue status quo.

Rationale for Selection of a Particular Alternative:

Alternative #1 provides needed facilities, and aircraft protection at a minimal cost to the state.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: State Lands

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	1,500
Other:	$	
3. Construction Cost	$	42,660
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	8,500
6. Landscaping & Site Development:	$	incl. in # 3
7. Equipment:	$	
8. Contingencies:	$	500
9. Other: A&E fees	$	1,640
	$	
TOTAL COST	$	
Less other funds available Source 03068	$	54,800
	$	
STATE FUNDS REQUIRED	$	-0-

Project was originally requested at increased level ($109,600). Funding was split at $54,800 Federal; $54,800 State.

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (90 - 91)

Personnel Services	$	-0-
Operating Expenses	$	1000
Maintenance Expenses	$	-0-

2. SECOND BIENNIUM (92 - 93)

Personnel Services	$	-0-
Operating Expenses	$	1000
Maintenance Expenses	$	200

3. THIRD BIENNIUM (94 - 95)

Personnel Services	$	-0-
Operating Expenses	$	1000
Maintenance Expenses	$	200

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

Over the years the Forestry Division has assumed more and more fire protection each Biennium. Central Land Office, the Interagency Center now averages well over 125 fires per year, covering several million acres protection. The facility on North Montana Avenue also operates a helicopter from that location. Damaging hail storms annually hit this area. This results in trying to second guess storms as to when the helicopter should be shuttled back to the Helena Airport at a cost of $450/hr. One hail storm could cause hundreds of thousands of dollars in damages to the helicopters skin.

Currently there is not adequate room available for multiple fire strategy and planning, nor do we have satisfactory training rooms available. Personnel are currently operating with inadequate space to efficiently manage difficult fire situations and as stated previously costly weather hazards to the aircraft exist.

Cost savings by consolidating with other agencies has already been implemented and been in affect for several years.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Nursery Freezer and Cooler
Project Priority 53
Biennium 1990 - 1991

Department STATE LANDS
Agency/Program Property Division

A. THIS PROJECT: (Check one)

x Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Nursery Complex, 2705 Spurgin Road
Missoula

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will construct a modular 20' x 30' freezer/cooler to be used for freezer storage of fall lifted seedlings and then as a cooler for storage of seedlings prior to shipment.

Impact on Existing Facilities:

The cooler will be built adjacent to the packing shed.

Number to be served by Facility: 20

Functional Space Requirements: 704 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Fall lifting and freezer storage of seedlings increases survival of seedling when planted. It also allows for more accurate inventory of seedling available for contract work the following spring, thereby reducing planting contract problems and costs. Freezer storage also reduces spring lifting problems caused by erratic weather conditions. In the cooler mode the Nursery will be able to cooler store all its production prior to shipment.

E. ALTERNATIVES CONSIDERED:

1. Rent existing but often unavailable cooler space from other agencies or private entities.

2. Continue operating as we are now and accept reduced tree quality and contract problems.

3. Build a 20' x 30' freezer/cooler.

Rationale for Selection of a Particular Alternative:

Alternative #3 was selected to solve the problems with spring lifted seedlings and the lack of sufficient cooler space for storing seedlings prior to shipment.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Freezer/Cooler Producer

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	22,000
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	250
6. Landscaping & Site Development:	$	200
7. Equipment:	$	350
8. Contingencies:	$	
9. Other: A&E Supervisory fee	$	1,200
	$	
TOTAL COST	$	24,000
Less other funds available Source 02031	$	24,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)		
Personnel Services	$	-0-
Operating Expenses	$	600
Maintenance Expenses	$	200
2. SECOND BIENNIUM (92 - 93)		
Personnel Services	$	-0-
Operating Expenses	$	600
Maintenance Expenses	$	200
3. THIRD BIENNIUM (94 - 95)		
Personnel Services	$	-0-
Operating Expenses	$	600
Maintenance Expenses	$	400

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

The Nursery presently has problems with spring lifting of seedling as follows:

1. Should poor lifting conditions occur (too hot, frozen soils or wet soils) we cannot lift seedlings in Spring without root damage. This causes equipment problems and subsequent seedling survival problems. Early spring weather causes early bud break in several species which reduces seedling survival. Fall lifting solves these problems as long as the seedling can be freezer stored.

2. Inventories of seedlings are not accurate until lifted seedlings have been graded and counted. Fall lifting enables foresters to prepare tree planting contracts for a known number of trees, not an estimate.

3. The present cooler is not large enough to hold all our packaged seedlings prior to shipment. As a result trees break dormancy when stored outside the cooler. This in turn leads to increased mortality of planted seedlings.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Nursery Shop Building
Project Priority 54
Biennium 1990 - 1991

Department STATE LANDS
Agency/Program Forestry Division

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. x Replaces Existing Fac.
___ Other

B. LOCATION: Nursery Complex 2705 Spurgin Road, Missoula

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected ___ Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:

General Description:

The project will construct a new shop located away from existing fueling stations, with the appropriate repair, maintenance and welding bays. It would meet the nursery's equipment/vehicle repair, maintenance and fabrication need in a much safer, energy efficient and more productive way.

Impact on Existing Facilities:

Replacement of the existing building would reduce energy consumption considerably and resolve some potential and actual safety hazards.

Number to be served by Facility: 20

Functional Space Requirements: 2,048 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing nursery shop is an antiquated quonset hut moved onto an existing foundation in 1959. The building is located to close to gasoline storage tanks and pumps; and has been cited by the Missoula Rural Fire Department as unsafe. The wiring is inadequate, and in violation of code; lighting is poor at best. The building has no water as needed in case of a fire or chemical accident. The building is uninsulated and wastes energy. (continued on General Narrative)

E. ALTERNATIVES CONSIDERED:

1. Total move and remodel of building which would be more expensive than new construction.

2. Remodel existing structure in place. This would still cost over $25,000 and not solve major safety problems nor improve working efficiency.

3. Construct a new building that fits the needs of the nursery operation.

Rationale for Selection of a Particular Alternative:

This 'temporary' shop was built or moved onto the site in the early 1950's. The building was never intended for its present use. The best way to solve the safety, energy and work productivity problems is to construct a new shop and maintenance building at a different location.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Forestry Division

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	54,000
4. Architectural/Engineering Fees:	$	5,000
5. Utilities:	$	2,000
6. Landscaping & Site Development:	$	26,400
7. Equipment:	$	5,000
8. Contingencies:	$	5,000
9. Other: A&E Supervisory fee	$	3,030
building permits	$	570
TOTAL COST	$	101,000
Less other funds available Source 02031	$	101,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: November 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)		
Personnel Services	$	-0-
Operating Expenses	$	1000
Maintenance Expenses	$	200
2. SECOND BIENNIUM (92 - 93)		
Personnel Services	$	-0-
Operating Expenses	$	1000
Maintenance Expenses	$	200
3. THIRD BIENNIUM (94 - 95)		
Personnel Services	$	-0-
Operating Expenses	$	1000
Maintenance Expenses	$	300

GENERAL NARRATIVE MATERIAL

C. EXPLANATION OF THE PROBLEM BEING ADDRESSED (continued)

The building has only one work bay, which has an undersized overhead door. Several pieces of equipment will not even fit into the shop, and only one piece of equipment can be worked on at a time. Disassembled equipment is often in the way. Welding is performed in the same area, further adding to the confusion, and inefficiencies.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Nursery Storage Building
Project Priority 55
Biennium 1990 - 1991

Department STATE LANDS
Agency/Program Forestry Division

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. x Replaces Existing Fac.
___ Other

B. LOCATION: Nursery Complex 2705 Spurgin Road
Missoula

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Construct a post and beam equipment storage building with adequate space for secure storage of nursery equipment. The building would be deep enough, and have doors of the proper width and height to accommodate longer equipment.

Impact on Existing Facilities:

Improve equipment storage, and resolve vandalism and theft problems.

Number to be served by Facility: 20

Functional Space Requirements: 2,000 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing building built in 1910 and moved to the site in the early 50's. The building is structurally unsound, has no security, it is too small to house larger nursery equipment, and is beyond repair.

E. ALTERNATIVES CONSIDERED:

1. Replace the old building with a secure structure designed to meet equipment storage needs.

2. Spend considerable funds to renovate the existing building which would still not meet equipment storage needs.

Rationale for Selection of a Particular Alternative:

Alternative #1 was selected because it meets our needs much better and provides security for additional equipment. The existing building is not worth repairing.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Forestry Division

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	20,000
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	500
9. Other: A&E Supervisory fee	$	1,100
permits	$	400
TOTAL COST	$	22,000
Less other funds available Source 02031	$	22,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: July 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)

Personnel Services	$	-0-
Operating Expenses	$	-0-
Maintenance Expenses	$	200

2. SECOND BIENNIUM (92 - 93)

Personnel Services	$	-0-
Operating Expenses	$	-0-
Maintenance Expenses	$	200

3. THIRD BIENNIUM (94 - 95)

Personnel Services	$	-0-
Operating Expenses	$	-0-
Maintenance Expenses	$	200

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Federal Spending Authority
Project Priority 56
Biennium 1990 - 1991

Department MILITARY AFFAIRS
Agency/Program Army National Guard

A. THIS PROJECT: (Check one)
___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: All facilities and sites in department

(Check where appropriate)
x Site on Owned Property ___ Util. Already Available
x Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

All funds would be used to complete projects at any of the Department of Military Affairs Facilities.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

At the present time, Federal funds become available to the State. These funds are used for maintenance, to match existing State funds, or to fund a project authorized by the Federal Government. We are unable to spend these funds due to the lack of spending authority.

E. ALTERNATIVES CONSIDERED:

1. Ask for authority.

2. Operate without Federal funds which are available.

Impact on Existing Facilities:

Could improve existing facilities primarily in terms of maintenance.

Number to be served by Facility: All members of Guard

Functional Space Requirements: N/A

Rationale for Selection of a Particular Alternative:

Alternative # 1 will allow the department to utilize other sources of funding to assist with our objectives and goals.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Department of Military Affairs

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	300,000
4. Architectural/Engineering Fees:	$	
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	
9. Other:	$	
	$	
TOTAL COST	$	300,000
Less other funds available Source 05009	$	300,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: N/A

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

GENERAL NARRATIVE MATERIAL

At various times of the year, the Federal Government authorized additional funds for new projects or for maintenance projects. Under existing conditions, the State is unable to take advantage of this due to the lack of spending authority. With the implementation of this request, the Department of Military Affairs would be able to accept Federal dollars and completely utilize other sources of funding.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Oil and Gas Division Addition
Project Priority 57
Biennium 1990 - 1991

Department NATURAL RESOURCES AND CONSERVATION
Agency/Program Oil & Gas Division/UIC Program

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
x Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: 2535 St. Johns Ave.
Billings

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Expand existing building to accommodate the Underground Injection Control Program (UIC), a delegated Federal program for which the Board is currently negotiating primacy from the Environmental Protection Agency.

Impact on Existing Facilities:

Expansion of existing facility will allow administration of UIC Program to operate as an integral part of current regulatory program.

Number to be served by Facility: 4

Functional Space Requirements: 713 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Board of Oil and Gas Conservation is currently preparing to administer the UIC Program in its Billings office after primacy delegation is approved by the EPA. The existing facility is not large enough to accommodate the 4 additional employees anticipated to operate the new program. Current operations have already required conversion of the conference room into a computer room. The project will add a computer room, thereby allowing the current one to be returned to a conference room.

E. ALTERNATIVES CONSIDERED:

1. Modifying existing space.

2. Lease additional space at another site.

3. Purchase adjacent lot and expand existing building.

4. Expand existing building without purchasing additional land.

Rationale for Selection of a Particular Alternative:

Alternative # 3 was selected because the existing building is not large enough to accommodate the needs of the new program. Expansion of existing building will allow housing the new program in the existing facility, resulting in better utilization of staff and equipment. Land is currently available and acquisition will allow for future expansion if needed.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: A & E Division

1. Land Acquisition:	$	20,000
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	69,640
4. Architectural/Engineering Fees:	$	8,360
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment: Furnishings	$	10,000
8. Contingencies:	$	5,450
9. Other: A&E Supervisory fee	$	3,500
	$	
TOTAL COST	$	116,950
Less other funds available Source 02432	$	116,950
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: February 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (90 - 91)		
Personnel Services	$	-0-
Operating Expenses	$	750
Maintenance Expenses	$	1,500
2. SECOND BIENNIUM (92 - 93)		
Personnel Services	$	-0-
Operating Expenses	$	1,320
Maintenance Expenses	$	2,640
3. THIRD BIENNIUM (94 - 95)		
Personnel Services	$	-0-
Operating Expenses	$	1,450
Maintenance Expenses	$	2,900

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title: Maintain Liquor Warehouse Roof
Project Priority: 58
Biennium: 1990 - 1991

Department: REVENUE
Agency/Program: Liquor Division

A. THIS PROJECT: (Check one)
___ Is an Original Facility
x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac.
___ Replaces Existing Fac.
___ Other

B. LOCATION: Liquor Warehouse on Airport Road
Helena

(Check where appropriate)
___ Site on Owned Property
___ Site to be Selected
___ Site Already Selected
___ Util. Already Available
___ Access Already Available

C. DESCRIPTION OF FACILITY:
General Description:

The project will repair minor defects, and apply a mineralized cap sheet over the entire roof to protect it from ultra violet degradation.

Impact on Existing Facilities:

Without the roof repairs and protection the roof will continue to deteriorate. With the repairs the roof will be protected for the life of the roof.

Number to be served by Facility: Approx. 20

Functional Space Requirements: 96,000 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The wall flashing and some of the expansion joints have deteriorated over the years.
The suns ultra-violet rays tend to deteriorate the asphalt and prematurely age the roofing system and decrease the roofs life; therefore, the roof should be protected from these rays to increase its longevity. Without aluminization or a mineralized cap sheet, the membrane will continue to dry out and split, thus greatly reducing the roofs effective life.

E. ALTERNATIVES CONSIDERED:
1. The roof could be seal coated with an emulsion and fibrated aluminum surface. The estimated cost of the coating and minor repairs to the base flashing would be $62,000. The aluminized surface should be reapplied every 4 - 5 years.
2. Apply a mineralized cap sheet to the roof. The cost for the cap sheet and minor repairs is estimated to cost $170,000. This would protect the roof for the life of the roof, and no future recoating would be required.

Rationale for Selection of a Particular Alternative:

The second alternative would be the best since no future recoating would be required and in the long run would cost the least.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: A & E Division

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	140,760
4. Architectural/Engineering Fees:	$	12,240
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	11,900
9. Other: A&E Supervisory fee	$	5,100
	$	
TOTAL COST	$	170,000
Less other funds available Source 06005	$	170,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: October 1989

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title P.E. Replacement Roof
Project Priority 59
Biennium 1990 - 1991

Department MONTANA UNIVERSITY SYSTEM
Agency/Program Western Montana College

A. THIS PROJECT: (Check one)
___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Western Montana College
Dillon

(Check where appropriate)
x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will remove existing shingles, add rigid insulation, and install a new roof.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Roof has no insulation, therefore inside heat melts snow which leaks through shingle layers. Moisture follows up between shingles by capillary action on this low pitch roof. Moisture runs down the underside of the roof and falls on ceiling tile. Replacement and water cleanup on floors is a constant problem. Insulation will cut heating costs considerably.

Damage to the building is increasing every year.

E. ALTERNATIVES CONSIDERED:

1. Replace roof and increase amount of insulation.

2. Continue to repair roof and live with the problem.

Impact on Existing Facilities:

Reduce heat loss and eliminate need for repairs.

Rationale for Selection of a Particular Alternative:

After 18 years of repairs, replacement of roof seems to be the only satisfactory solution.

Number to be served by Facility: 1,000

Functional Space Requirements: 72,816 sq. ft.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: WMC Physical Plant

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	182,000
4. Architectural/Engineering Fees:	$	25,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	16,100
9. Other: A&E Supervisory fee	$	6,900
	$	
TOTAL COST	$	230,000
Less other funds available Source 05014*	$	230,000
	$	
STATE FUNDS REQUIRED	$	-0-

*Funds are unused bond proceeds from Swimming Pool project.

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: June 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: Increased insulation will reduce energy consumption

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Remodel Student Union Building
Project Priority 60
Biennium 1990 - 1991

Department MONTANA UNIVERSITY SYSTEM
Agency/Program Western Montana College

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
x Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other _____

B. LOCATION: Western Montana College
Dillon

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project will both remodel and expand the facility making room for current student services functions such as day care, student senate offices, student lounge and snack bar.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The Student Union Building at WMC is over thirty years old and is in need of major remodeling and expansion to meet current student needs.

E. ALTERNATIVES CONSIDERED:

1. Make due with existing facility.

2. Upgrade Student Union as funds allow.

Impact on Existing Facilities:

Increase on auxiliary utilities and operating costs.

Rationale for Selection of a Particular Alternative:

Alternative # 2 better serves the needs of the WMC students.

Number to be served by Facility: 1,000

Functional Space Requirements: 15,200 sq. ft.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: WMC Physical Plant

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	402,335
4. Architectural/Engineering Fees:	$	50,290
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	29,295
9. Other: A&E Supervisory fee	$	15,060
1% Art	$	5,020
TOTAL COST	$	502,000
Less other funds available Source 05014	$	502,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1990

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation:

1. FIRST BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

2. SECOND BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

3. THIRD BIENNIUM (N/A)
   - Personnel Services $
   - Operating Expenses $
   - Maintenance Expenses $

Project funding requested by WMC at increased level ($502,919), Regents recommended project at $502,000.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Miscellaneous Projects
Project Priority 61
Biennium 1990 - 1991

Department MONTANA UNIVERSITY SYSTEM
Agency/Program University of Montana

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: University of Montana
Missoula

(Check where appropriate)

x Site on Owned Property x Util. Already Available
___ Site to be Selected x Access Already Available
x Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This request consists of three different projects:
Remodel restroom facilities in the Forestry Building.
Relocate photo labs in the Journalism Building.
Expand the Interlibrary Loans Office of the Mansfield Library. (Refer to General Narrative)

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing coed restroom is not a satisfactory permanent solution. The room is large enough to accommodate separate men's and women's restrooms and a small wet lab for wildlife biology.
The relocation of photo labs will enhance photo-journalism programs as present facilities are inadequate.
The Interlibrary Loan Office has grown beyond the capacity of the existing space.

E. ALTERNATIVES CONSIDERED:

1. Do nothing
2. Complete a portion of project
3. Complete all phases of project

Impact on Existing Facilities:

The project upgrades present facilities and benefit students, faculty and staff.

Rationale for Selection of a Particular Alternative:

All projects were selected as high priorities by the Campus Planning Committee.

Number to be served by Facility: Students, faculty and staff
Functional Space Requirements: N/A

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: U of M Facilities Services

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	135,400
4. Architectural/Engineering Fees:	$	17,600
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	11,510
9. Other: Legal, Admin., Codes	$	3,200
A&E Supervisory fee	$	5,190
TOTAL COST	$	172,900
Less other funds available Source 73100	$	172,900
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: September 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

GENERAL NARRATIVE MATERIAL

C. DESCRIPTION OF FACILITY (continued)

1. The Forestry building has never had adequate women's restroom facilities. Some years ago, the large men's restroom was temporarily remodeled to allow use by women. This arrangement, virtually a coed restroom, is not a satisfactory permanent solution. This large room should be able to house men's and women's and, in addition, a small wet lab for Wildlife Biology.	$ 52,000
2. The photo journalism program has been identified in university planning documents as one of the areas in journalism that should be enhanced. The new facility would definitely enhance our photo journalism program as our present facilities are inadequate.	68,900
3. The original design of the Interlibrary Loan Office, which provides approximately 300 sq. ft. of space, did not anticipate the resultant growth of activity. Within the past three years, use has escalated 75 percent. This rapid increase in usage has not only come with more personnel, but with increased reliance on technology.	52,000
Total	$172,900

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Centennial Mall
Project Priority 62
Biennium 1990 - 1991

Department MONTANA UNIVERSITY SYSTEM
Agency/Program Montana State University

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: Montana State University
Bozeman

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

Garfield Street, between Sixth Street and Eleventh has been vacated to Montana State University. The street surface and attendant curb and gutter system are still in place. This project will remove the curb, gutter, and paving. It will also install a storm sewer system and walkways, service drives, lighting, and other amenities to create an appropriate pedestrian mall.

Impact on Existing Facilities:

This project will remove the present street and convert the space to a Mall. The renovation will improve circulation between existing buildings.

Number to be served by Facility: All campus users

Functional Space Requirements: 150,000 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Like many Land Grant Colleges, Montana State University developed its facilities on an existing city street system. A majority of the academic buildings are contiguous to Garfield Boulevard, which has been closed to general vehicle traffic for some time by barricades, and no longer serves as a City of Bozeman street. (continued on General Narrative)

E. ALTERNATIVES CONSIDERED:

1. Continue to use space as is.

2. Solicit funds and develop mall.

Rationale for Selection of a Particular Alternative:

It is timely to carry out the desired development to coincide with the Centennial of Montana State University and the State of Montana.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: MSU Facility Development

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	
Soil Testing:	$	
Other:	$	
3. Construction Cost	$	535,000
4. Architectural/Engineering Fees:	$	55,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	34,000
9. Other: A&E Supervisory fee	$	19,500
1% Art	$	6,500
TOTAL COST	$	650,000
Less other funds available Source 71213	$	650,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: August 1991

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

GENERAL NARRATIVE MATERIAL

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED: (continued)

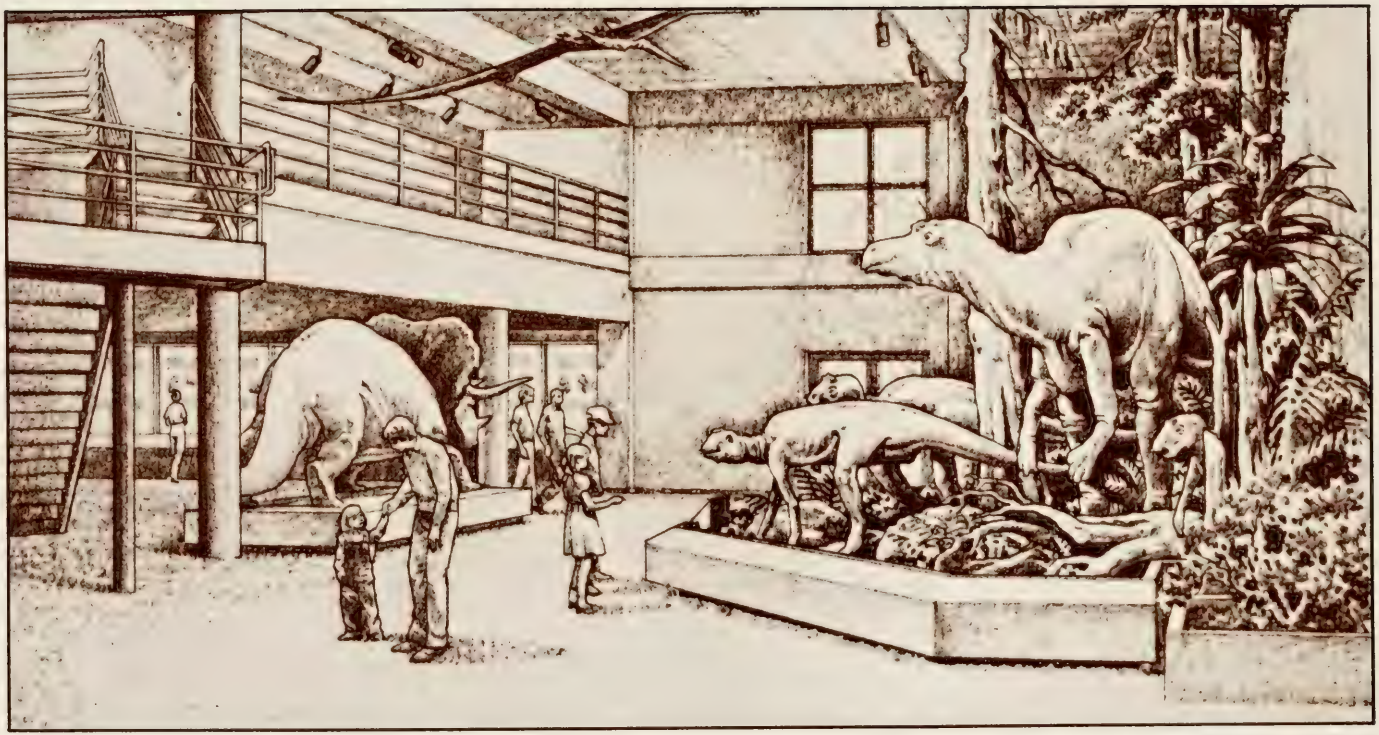
The existence of the former street curb, gutter, and paving presents the image that this abandonment as a street is somehow temporary; and in fact, many individuals violate the closing by bringing vehicles into the area through the hamilton Hall Parking lot, and around the barricades. Since this former street is the central spine of the Campus, conversion would serve thousands of daily student, faculty, and staff passages through this space, as well as visitors and alumni.

Building services would be accommodated throughout the Mall development, and present steam, water, sewer, and communication lines will remain in place. The configuration of the surface would be modified to present an image and provide a function of making this Campus core space into a unifying, attractive, and functional area.

It is expected that various features would be incorporated, included a theme that ties into the development of the Montana Hall/Romney Gymnasium axis.

Since the current street confirmation must be removed, it would be impractical to attempt this conversion by small increments. Once the present paving is demolished, a storm sewer system, lighting system, walkway system, and service functions must be installed.

This project would be the focus of a major fund-raising campaign that would be scheduled to coincide with the University's Centennial.



Phyllis B. Berger Dinosaur Hall

BONDED PROGRAM

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Region 7 Headquarters Construction
Project Priority 63
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Administration

A. THIS PROJECT: (Check one)

___ Is an Original Facility ___ Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. x Replaces Existing Fac.
___ Other

B. LOCATION: Miles City

(Check where appropriate)

___ Site on Owned Property ___ Util. Already Available
x Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

This project will construct a new regional headquarters facility. Additional support facilities such as shop and storage building will be included, depending on the site selected.

Impact on Existing Facilities:

The existing facilities are on leased property. The lease will be terminated when the property is no longer needed for office, shop or storage.

Number to be served by Facility: 22

Functional Space Requirements: 5,430 sq. ft.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

The existing structure is old, and too small to serve the current use. The building has very little insulation and is energy inefficient.

E. ALTERNATIVES CONSIDERED:

1. Construct a new headquarters complex at one of several sites under consideration: This option best serves the long term needs of the region.
2. Renovate Existing: It is estimated that costs would approach that for the new structure.
3. No Action: Personnel would continue to be very cramped for space and heat bills will continue to be very high for the amount of space.

Rationale for Selection of a Particular Alternative:

See alternatives considered

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Architecture & Engineering Div.

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	2,000
Soil Testing:	$	3,000
Other: construction testing	$	6,000
3. Construction Cost	$	636,050
4. Architectural/Engineering Fees:	$	60,190
5. Utilities:	$	7,500
6. Landscaping & Site Development:	$	116,930
7. Equipment: phones & display	$	32,000
8. Contingencies:	$	48,330
9. Other: 1% Art	$	9,500
A&E Supervisory fee	$	28,500
TOTAL COST	$	950,000
Less other funds available Source 02409 bonded	$	950,000
	$	
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1992

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Hatchery Construction & Renovation
Project Priority 64
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Fisheries

A. THIS PROJECT: (Check one)

___ Is an Original Facility x Reno. an Existing Fac.
x Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other _____

B. LOCATION: Anaconda, Arlee, Lewistown

(Check where appropriate)

x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The project will renovate repair and provide miscellaneous improvements to water supply/distribution systems, raceways, hatcheries and associated buildings.

Refer to General Narrative for project cost breakdown.

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Anaconda: The existing hatchery is badly deteriorated, energy inefficient, and unsafe. Many safety and code violations are present which need to be rectified.

Arlee: The existing collection system is open to wild fish that are exposing the brood stock to IPN infection. Water level is subject to reduced flows during periods os low ground water. This may require partial transfer of brood to other hatcheries.

(continued on General Narrative)

E. ALTERNATIVES CONSIDERED:

1. Complete projects as requested

2. Complete only some projects

3. No action

Impact on Existing Facilities:

Hatchery production will be impacted during construction. Work will be timed to minimize the impact.

Number to be served by Facility: N/A

Functional Space Requirements: N/A

Rationale for Selection of a Particular Alternative:

If projects are not completed facilities will continue to deteriorate, safety problems will remain, water supplies will be unreliable and infectious, and fish production will not meet demands. Alternative #1 addresses all problems.

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: Dept. of Fish, Wildlife & Parks

1. Land Acquisition:	$	
2. Preliminary Expenses:	$	
Site Survey:	$	8,500
Soil Testing:	$	2,000
Other: water testing/develop.	$	16,000
3. Construction Cost	$	1,884,300
4. Architectural/Engineering Fees:	$	274,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	36,000
7. Equipment:	$	44,000
8. Contingencies:	$	250,200
9. Other: A&E Supervisory fee	$	77,800
	$	
TOTAL COST	$	2,592,800
Less other funds available		
Source 02409 bonded	$	648,200
03097 bonded	$	1,944,600
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1991 - 1992

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)		
Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	
2. SECOND BIENNIUM (N/A)		
Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	
3. THIRD BIENNIUM (N/A)		
Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

GENERAL NARRATIVE MATERIAL

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED: (continued)

Lewistown: The shop roof is unsound as evidence by sagging and cracking rafters. The hatchery egg incubation capacity needs to be increased to accommodate demand for fish.

HATCHERY CONSTRUCTION AND RENOVATION

	Bonded 02409 General Licence	Bonded 03097 Fish (DJ) Restoration Grant	Total
Anaconda Hatchery	$ 550,000	$1,650,000	$2,200,000
Arlee Hatchery	57,000	172,500	230,000
Lewistown Hatchery	40,700	122,100	162,800
TOTAL	$ 648,200	$1,944,600	$2,592,800

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

Project Title Improve South Sandstone Dam
Project Priority 65
Biennium 1990 - 1991

Department FISH, WILDLIFE AND PARKS
Agency/Program Fish

A. THIS PROJECT: (Check one)
___ Is an Original Facility x Reno. an Existing Fac.
___ Is an Add. to Exist. Fac. ___ Replaces Existing Fac.
___ Other

B. LOCATION: South of Plevna

(Check where appropriate)
x Site on Owned Property ___ Util. Already Available
___ Site to be Selected ___ Access Already Available
___ Site Already Selected

C. DESCRIPTION OF FACILITY:
General Description:

The existing dam will be modified to bring it into compliance with dam safety standards. South Sandstone has been found to be unsafe by both a Corps of Engineers Phase I study and by investigations conducted by HKM Engineering.

Impact on Existing Facilities:

Elimination of safety problems.

Number to be served by Facility: N/A

Functional Space Requirements: N/A

D. EXPLANATION OF THE PROBLEM BEING ADDRESSED:

Previous studies have identified serious problems with this dam. The emergency spillway and principal spillway are both too small. There is no way to drain the reservoir in an emergency. The town of Plevna as well as several ranches lie downstream.

E. ALTERNATIVES CONSIDERED:

1. No Action: Safety problems would continue.

2. Breach the Structure: Valuable recreation and irrigation would be lost. Repayment of Federal funds would be required.

3. Many alternatives were considered during the HKM study. In each case the cheapest acceptable engineering solution has been picked.

Rationale for Selection of a Particular Alternative:

See Alternatives Considered

LONG RANGE BUILDING PROGRAM
CAPITAL PROJECT REQUEST

F. ESTIMATED COST OF PROJECT:

Source of Estimate: HKM Engineering

1. Land Acquisition:	$	20,000
2. Preliminary Expenses:	$	
Site Survey:	$	5,000
Soil Testing:	$	8,000
Other:	$	
3. Construction Cost	$	1,232,000
4. Architectural/Engineering Fees:	$	215,000
5. Utilities:	$	
6. Landscaping & Site Development:	$	
7. Equipment:	$	
8. Contingencies:	$	120,000
9. Other:	$	
	$	
TOTAL COST	$	1,600,000
Less other funds available		
Source 03097 bonded	$	1,200,000
02409 bonded	$	400,000
STATE FUNDS REQUIRED	$	-0-

G. ESTIMATED OPERATIONAL COST AT COMPLETION:

Expected Completion Date: 1992

Number of Additional Personnel Required: none

Additional Funds Required when Project is in Full Operation: none

1. FIRST BIENNIUM (N/A)

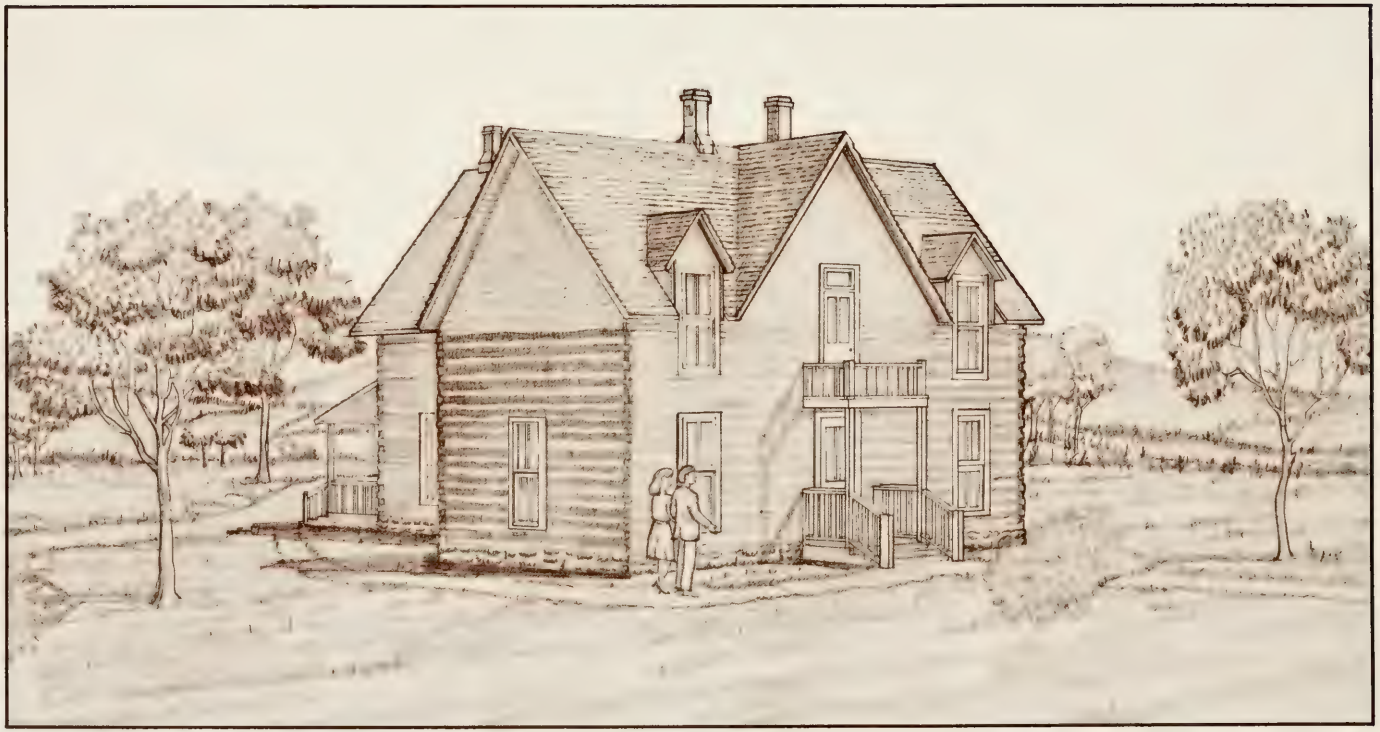
Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

2. SECOND BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	

3. THIRD BIENNIUM (N/A)

Personnel Services	$	
Operating Expenses	$	
Maintenance Expenses	$	



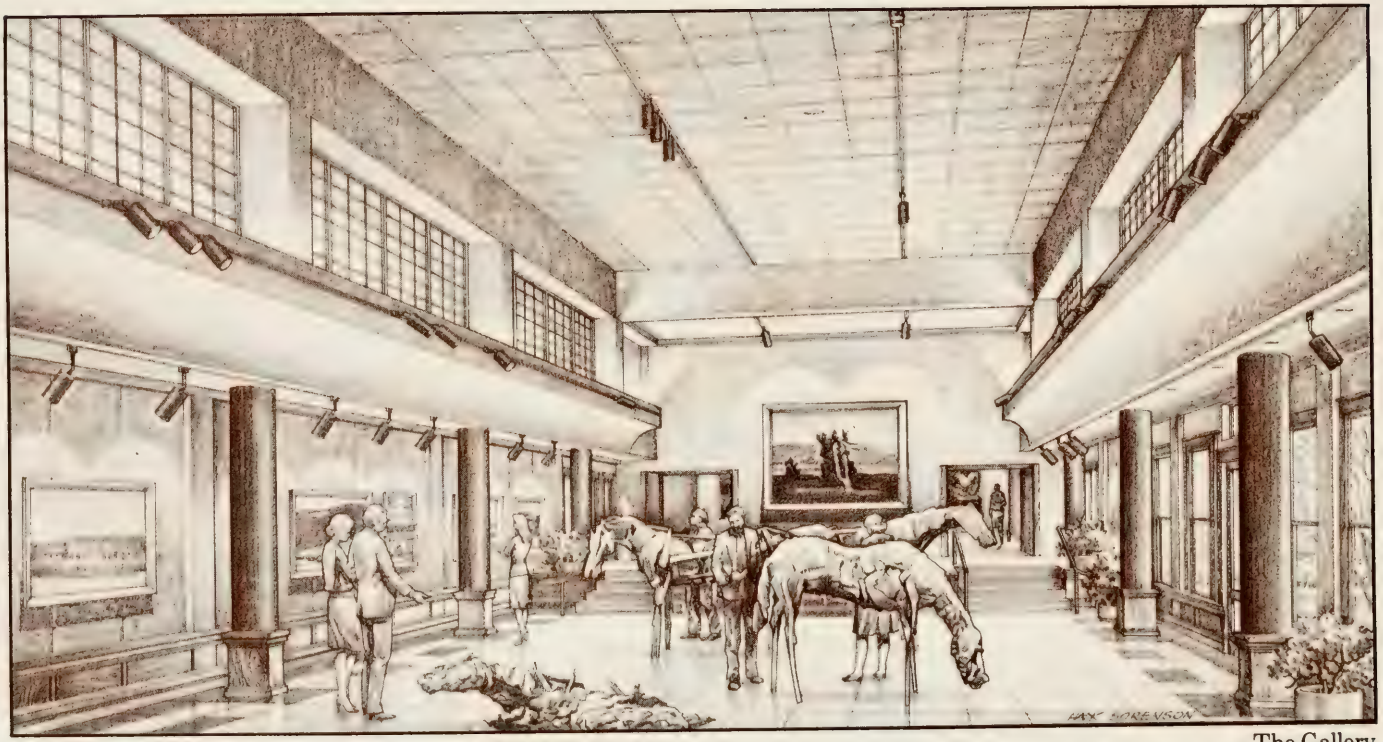
Tinsley Home

BUILDING PROGRAM REQUESTS

SUMMARY OF REQUESTS

BY AGENCY
1990 - 1991 BIENNIUM

AGENCY	FUNDING SOURCE				
	C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
DEPARTMENT OF ADMINISTRATION	$15,794,376	$0	$0	$0	$15,794,376
DEPARTMENT OF AGRICULTURE	$0	$45,500	$0	$0	$45,500
DEPARTMENT OF EDUCATION	$1,923,026	$0	$0	$0	$1,923,026
DEPARTMENT OF FAMILY SERVICES	$3,721,382	$0	$0	$0	$3,721,382
DEPARTMENT OF FISH, WILDLIFE & PARKS	$52,100	$9,645,000	$4,962,367	$466,560	$15,126,027
DEPARTMENT OF HIGHWAYS	$0	$1,581,220	$0	$0	$1,581,220
DEPARTMENT OF LABOR AND INDUSTRY	$11,000	$76,000	$474,600	$0	$561,600
DEPARTMENT OF INSTITUTIONS	$21,305,280	$335,000	$0	$0	$21,640,280
DEPARTMENT OF STATE LANDS	$900,650	$147,000	$30,000	$54,800	$1,132,450
DEPARTMENT OF MILITARY AFFAIRS	$1,759,328	$0	$8,229,370	$0	$9,988,698
DEPT OF NATURAL RESOURCES & CONSERVATION	$0	$0	$116,950	$0	$116,950
DEPARTMENT OF REVENUE	$0	$0	$0	$170,000	$170,000
MONTANA UNIVERSITY SYSTEM	$104,563,728	$0	$60,000	$11,768,419	$116,392,147
TOTAL REQUESTS	$150,030,870	$11,829,720	$13,873,287	$12,459,779	$188,193,656



The Gallery

DEPARTMENTS AND AGENCIES

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
	DEPARTMENT OF ADMINISTRATION					
1.	NEW BUILDING FACILITY, INFORMATION SERVICES DIVISION Construct a secure climate-controlled building to house the state's central (host) computer facility and communication network.	$2,990,000				$2,990,000
2.	REPLACE ROOFS, CAPITOL COMPLEX Apply new roofs as needed to prevent leakage and to avoid future water damage to structures and contents.	$124,020				$124,020
3.	HAZARDOUS MATERIAL ABATEMENT, 1989, STATEWIDE Address problems associated with asbestos, PCB and other environmental hazards in buildings throughout the state.	$200,000				$200,000
4.	AIR CONDITIONING, MITCHELL BUILDING Install an air conditioning system to increase air circulation and reduce seasonal high interior temperatures.	$650,000				$650,000
5.	WINDOW REPLACEMENT, CAPITOL BUILDING Renovate existing wood windows and replace aluminum windows to restore architectural integrity and increase energy efficiency.	$440,551				$440,551

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
6.	LIMESTONE REPAIR, VETS PIONEER MEMORIAL BUILDING Repair limestone panels on the 1970 building addition to prevent further deterioration.	$165,000				$165,000
7.	WINDOW REPLACEMENT, OLD LIVESTOCK BUILDING Install energy efficient windows to increase comfort and reduce utility costs.	$84,854				$84,854
8.	WINDOW REPLACEMENT, OLD BOARD OF HEALTH Install energy efficient windows to increase comfort and reduce utility costs.	$123,706				$123,706
9.	WINDOW REPLACEMENT, SCOTT HART BUILDING Install energy efficient windows to increase comfort and reduce utility costs.	$338,789				$338,789
10.	NEW OFFICE BUILDING, DEPARTMENT OF COMMERCE Construction of new office space for the entire Department of Commerce other than Lottery and Aeronautics Division.	$7,000,000				$7,000,000
11.	MITCHELL BUILDING RENOVATION Remodel the 3rd and 4th floors of the original building to provide for more efficient use of the space.	$877,392				$877,392

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
12.	PARKING LOT REPAIR, CAPITOL COMPLEX Repair asphalt paving, parking lots and driveways to prevent further deterioration.	$96,727				$96,727
13.	NEW MAINTENANCE FACILITY, CAPITOL COMPLEX Construct a new Maintenance Shop Building to consolidate the General Services Division.	$1,601,145				$1,601,145
14.	LAND ACQUISITION, CAPITOL COMPLEX Acquire property needed to develop the Capitol Complex as parcels become available.	$1,084,339				$1,084,339
15.	HANDICAPPED RAMP, EXECUTIVE RESIDENCE Install ramp to provide wheelchair and other handicapped access to the main floor of the Executive Residence.	$17,853				$17,853
	DEPARTMENT OF ADMINISTRATION SUBTOTAL	$15,794,376	$0	$0	$0	$15,794,376

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
DEPARTMENT OF AGRICULTURE - PLANT INDUSTRY DIVISION						
1.	REMODEL GRAIN LABORATORY, GREAT FALLS Remodel Grain Laboratory to accommodate the NIR Protein System and to meet FGIS Protein Testing Facility requirements.		$45,500			$45,500
	DEPARTMENT OF AGRICULTURE SUBTOTAL	$0	$45,500	$0	$0	$45,500
DEPARTMENT OF EDUCATION						
MONTANA HISTORICAL SOCIETY						
1.	FIRE SUPPRESSION SYSTEM MODIFICATION, VETS PIONEERS MEMORIAL BUILDING Install zone inspection/drain valves, a backup power supply and pressure gauges to eliminate existing system deficiencies.	$6,606				$6,606
2.	FIRE ESCAPE, ORIGINAL GOVERNOR'S MANSION Construct a second emergency exit from the third floor of the Mansion to increase public safety.	$35,000				$35,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
3.	OFF-SITE STORAGE BUILDING Construct a storage facility, removed from the Capitol Complex, to provide storage for large artifacts and records.	$800,000				$800,000
4.	PAINT LOBBY & FOYER, VETS PIONEERS MEMORIAL BUILDING Paint lobby and foyer to improve the aesthetic quality of the building.	$2,500				$2,500
5.	AIR FILTRATION SYSTEM MODIFICATION, VETS PIONEERS BUILDING Modify air filtration system to improve removal of particulate matter and improve protection of collections.	$4,500				$4,500
6.	PAINT LIBRARY AND STACKS, VETS PIONEERS BUILDING Paint library and stacks to improve aesthetic quality of the building.	$6,250				$6,250
7.	SECURITY SYSTEM MODIFICATION, ORIGINAL GOVERNOR'S MANSION Modify security system to provide improved protection for the Mansion.	$5,000				$5,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
8.	CLIMATE CONTROL PHASE I, ORIGINAL GOVERNORS MANSION Install climate control materials and devices to better protect the building and contents.	$16,000				$16,000
9.	ARCHIVE SHELF INSTALLATION, VETS PIONEERS BUILDING Install custom shelving in the first stack level to accommodate archival collections.	$19,200				$19,200
10.	NITRATE VAULT ALARM MODIFICATION, VETS PIONEER BUILDING Integrate nitrate vault temperature sensor alarm with fire alarm system to provide adequate protection during hours when the building is unoccupied.	$5,500				$5,500
11.	PAVE REAR ACCESS, VETS PIONEER BUILDING Pave drive to exhibit doors from parking lot to provide better delivery access.	$9,000				$9,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
12. CARPET REPLACEMENT, MAIN FLOOR OFFICES, VETS PIONEER BUILDING Replace worn carpet to improve appearance of building interior.	$3,500				$3,500
MONTANA HISTORICAL SOCIETY SUBTOTAL	$913,056	$0	$0	$0	$913,056
MONTANA SCHOOL FOR THE DEAF AND BLIND					
1. ROOF REPAIR, ACADEMIC BUILDING Repair roof to prevent leakage and damage to the structure and its contents.	$10,000				$10,000
2. SETTLING DAMAGE REPAIR, COTTAGE I Repair sheetrock cracks on the walls and ceilings and damage to doors caused by building settlement.	$6,000				$6,000
3. CARPET REPLACEMENT, ACADEMIC BUILDING Replace worn carpet to improve acoustic value for hearing impaired children while aesthetically enhancing the interior of the building.	$147,000				$147,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
4.	UNDERGROUND SPRINKLER SYSTEM Install underground sprinkler system to improve efficiency of maintenance personnel and conserve water.	$45,000				$45,000
5.	BUILDING ADDITION AND MODIFICATION, ACADEMIC BUILDING AND ASPEN HALL Construct an addition to the Academic Building to accommodate multiple handicapped students. Remodel Aspen Hall to provide additional storage, vehicle shop and delivery areas.	$801,970				$801,970
	MONTANA SCHOOL FOR THE DEAF AND BLIND SUBTOTAL	$1,009,970	$0	$0	$0	$1,009,970
	DEPARTMENT OF EDUCATION SUBTOTAL	$1,923,026	$0	$0	$0	$1,923,026

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
DEPARTMENT OF FAMILY SERVICES						
1.	NEW COTTAGE, MOUNTAIN VIEW SCHOOL Replace an outdated cottage with a duplex cottage for 25 students to improve program and safety features of the school.	$962,000				$962,000
2.	NEW LODGE, PINE HILLS SCHOOL Replace an outdated cottage with a 26 bed medium/high security living unit to improve health and safety conditions of the school.	$962,000				$962,000
3.	TWO REGIONAL EVALUATION/DETENTION CENTERS Construct two 15 bed regional evaluation/detention centers to comply with Federal mandate.	$1,320,000				$1,320,000
4.	LODGE DEMOLITION, PINE HILLS SCHOOL Demolish dangerous, abandoned building to reduce potential hazard and to allow for campus modification.	$25,000				$25,000
5.	COTTAGE DEMOLITION, MOUNTAIN VIEW SCHOOL Demolish outdated building to reduce potential hazard and to allow for campus modification.	$25,000				$25,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE				
		C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
6.	REPLACE GAS LINE, PINE HILLS SCHOOL Replace deteriorating cast iron gas line to curtail leakage and energy loss.	$4,882				$4,882
7.	GAS LINE MODIFICATIONS, MOUNTAIN VIEW SCHOOL Replace deteriorating gas line, install building gas meters, transfer ownership and responsibility to Montana Power to reduce maintenance and energy loss.	$15,700				$15,700
8.	REPAIR/REPLACE ROOF, CUSTER LODGE, PINE HILLS SCHOOL Replace roof to prevent leakage and further interior damage to the structure and contents.	$155,000				$155,000
9.	REPLACE ROOF, COTTONWOOD COTTAGE/ ADMINISTRATION BUILDING, MOUNTAIN VIEW SCHOOL Replace roof to prevent leakage and further interior damage to the structure and contents.	$55,000				$55,000
10.	AIR CONDITION ACADEMIC BUILDING, PINE HILLS SCHOOL Install air conditioning to allow for year round, full time operation of the educational program.	$30,000				$30,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
11. VENTILATION SYSTEM INSTALLATION, MOUNTAIN VIEW SCHOOL Install a ventilation system to eliminate potential health problems and provide comfortable living and sleeping quarters.	$46,800				$46,800
12. CENTRAL FIRE PANEL RELOCATION, PINE HILLS SCHOOL Relocate fire alarm panel from an abandoned building to Sundance Lodge to provide improved monitoring and safety.	$3,500				$3,500
13. RETROFIT CLASSROOM DOOR VENTS, ACADEMIC BUILDING, PINE HILLS SCHOOL Replace existing door vents with fire rated vents to bring building into compliance with Fire Code requirements.	$3,500				$3,500
14. WATER STORAGE TANK MAINTENANCE, PINE HILLS & MOUNTAIN VIEW Repair and recoat water tanks to assure future water supply.	$113,000				$113,000
DEPARTMENT OF FAMILY SERVICES SUBTOTAL	$3,721,382	$0	$0	$0	$3,721,382

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	C.P.F.	FUNDING SOURCE State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
DEPARTMENT OF FISH, WILDLIFE AND PARKS					
1. REGION 7 HEADQUARTERS CONSTRUCTION, MILES CITY Construct a new regional office to replace the inadequate existing facility.		$950,000			$950,000
2. ANACONDA HATCHERY CONSTRUCTION AND RENOVATIONS, ANACONDA Construct new support facilities and renovate existing buildings to bring the facility into compliance with codes.		$648,200	$1,944,600		$2,592,800
3. JOCKO HATCHERY RENOVATION, ARLEE Renovate water collection and distribution system to regulate fluctuations of water level and protect brood stock from IPN infection.		$57,500	$172,500		$230,000
4. BIG SPRINGS HATCHERY RENOVATION, LEWISTOWN Renovate existing facility to correct hazardous structural problems. Construct addition to provide additional egg incubation capacity.		$40,700	$122,100		$162,800
5. IMPROVE SOUTH SANDSTONE DAM, PLEVNA Modify existing dam to bring into compliance with safety standards.		$400,000	$1,200,000		$1,600,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	C.P.F.	FUNDING SOURCE State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
6.	KOKANEE SALMON FACILITY Develop Somers or Creston Springs site into Kokanee salmon rearing facility.		$225,000		$291,560	$516,560
7.	YELLOWSTONE ROAD IMPROVEMENT, GLENDIVE Upgrade access road to the Yellowstone River to facilitate collection of walleye eggs.		$3,965	$11,897		$15,862
8.	FISHING ACCESS SITES IMPROVEMENT, STATEWIDE Improve fishing access sites to protect property investment and the environment of the sites.		$100,000	$300,000		$400,000
9.	ENGINEERING STUDY, BEARPAW DAM, HAVRE Conduct engineering study to determine the physical integrity of the structure.		$25,000	$75,000		$100,000
10.	CLEARWATER FISH BARRIER ALTERATIONS, SEELEY LAKE Enlarge and repair or breach existing structure to eliminate potential flood hazard.		$25,000	$75,000		$100,000
11.	DAM INSPECTION, STATEWIDE Conduct an engineering analysis to determine the physical integrity of structures located throughout the state.		$30,000			$30,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	C.P.F.	FUNDING SOURCE State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
12. CONSTRUCT REGION 2 HEADQUARTERS STORAGE, MISSOULA Construct storage shed to protect Department equipment from deterioration resulting from exposure to the elements.		$25,920			$25,920
13. WILDLIFE HABITAT ACQUISITION, STATEWIDE Acquire land to meet recreation demands of the public and maintain wildlife populations.		$5,226,400			$5,226,400
14. WATERFOWL HABITAT ENHANCEMENT, STATEWIDE Construct additional waterfowl habitats and provide improvements to existing habitats to help increase Montana waterfowl production.		$424,500			$424,500
15. BIGHORN SHEEP HABITAT ACQUISITION, STATEWIDE Acquire additional habitat for Bighorn sheep to provide for future expansion of sheep populations.		$211,600			$211,600
16. BOAT FACILITIES, STATEWIDE Provide boat access and facilities statewide to better serve the public.		$300,423	$901,270		$1,201,693

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
17.	STATE PARK MAINTENANCE AND DEVELOPMENT, STATEWIDE Maintain and develop sites statewide to protect from deterioration and to better serve the public.		$160,000	$160,000		$320,000
18.	CAPITOL GROUNDS, HELENA Provide storage for snow removal equipment to improve efficiency of Capitol grounds maintenance.	$52,100				$52,100
19.	STATE PROPERTY IMPROVEMENT, STATEWIDE Maintain and develop sites statewide to protect from deterioration and to better serve the public.		$265,037			$265,037
20.	FISHING ACCESS SITE ACQUISITION, STATEWIDE Acquire property to provide sites statewide for fishing access and recreation.		$525,755			$525,755
21.	DONATION AUTHORITY, EAST GALLATIN PARK, BOZEMAN Establish authority to accept donations for development of facilities and improvements of park resources.				$100,000	$100,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
22.	CONSTRUCTION AUTHORITY, LEWIS AND CLARK CAVERNS, WHITEHALL Establish authority to accept private construction.				$75,000	$75,000
	DEPARTMENT OF FISH, WILDLIFE AND PARKS SUBTOTAL	$52,100	$9,645,000	$4,962,367	$466,560	$15,126,027
	DEPARTMENT OF HIGHWAYS - MAINTENANCE AND EQUIPMENT DIVISION					
1.	MAINTENANCE PROJECTS, STATEWIDE Provide improvements and repairs to existing facilities statewide.		$750,000			$750,000
2.	STORAGE ADDITION, SHELBY Construct additional storage to relieve congestion in repair shop.		$77,500			$77,500
3.	MAINTENANCE SECTION HEADQUARTERS COMPLEX, BRIDGER Construct a new Section Headquarters to accommodate new equipment and replace inadequate existing facility.		$140,460			$140,460

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	C.P.F.	FUNDING SOURCE State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
4.	SANDHOUSE, HELENA HEADQUARTERS Construct a sandhouse to store sand for winter maintenance.		$40,000			$40,000
5.	SANDHOUSE, LINCOLN Construct a sandhouse to store sand for winter maintenance.		$40,000			$40,000
6.	SANDHOUSE, CASCADE SECTION Construct a sandhouse to store sand for winter maintenance.		$38,800			$38,800
7.	LAND ACQUISITION, KALISPELL Acquire land adjacent to existing Kalispell Headquarters to provide for future expansion.		$80,000			$80,000
8.	HEADQUARTERS RENOVATION, GLENDIVE Renovate Glendive district headquarters shop to reduce energy and maintenance costs.		$72,480			$72,480
9.	EQUIPMENT STORAGE BUILDING, STANFORD Construct a two door garage to provide additional storage and office space.		$58,425			$58,425
10.	STORAGE ADDITION, LEWISTOWN Construct addition to existing shed to provide adequate storage.		$51,200			$51,200

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
11.	EQUIPMENT STORAGE BUILDING ADDITION, MILES CITY Construct an addition to the existing equipment storage building to accommodate new equipment.		$53,500			$53,500
12.	EQUIPMENT WARM STORAGE, PHASE II OF III, WOLF POINT Construct four stall equipment warm storage to improve working conditions and energy efficiency.		$101,350			$101,350
13.	EQUIPMENT STORAGE, ALBERTON Construct a three stall equipment storage facility with office to replace existing inadequate and unsafe facility.		$77,505			$77,505
	DEPARTMENT OF HIGHWAYS SUBTOTAL	$0	$1,581,220	$0	$0	$1,581,220

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
DEPARTMENT OF LABOR AND INDUSTRY						
1.	ACQUISITION AND IMPROVEMENT OF ARCADE BUILDING, LOWER LEVEL, HELENA Renovate the lower level of the Arcade building to provide office space for Workers Compensation employees. Acquire the property for the cost of the improvements.		$50,000			$50,000
2.	POWER SUPPLY PROJECT, WORKERS' COMPENSATION, HELENA Provide uninterruptable power supply to prevent damage to equipment and down time for Division users.		$26,000			$26,000
3.	MAINTENANCE, CARPET AND INSULATION PROJECT, HUMAN RIGHTS DIVISION, HELENA Replace worn carpet to improve interior appearance of building. Insulate and maintain building to reduce energy costs and protect facility from deterioration.	$11,000				$11,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
5.	HVAC REPLACEMENT AND MAJOR MAINTENANCE, HELENA JOB SERVICE Replace heating/air conditioning unit to increase energy efficiency and worker comfort. Perform maintenance to protect facility from deterioration.			$53,600		$53,600
6.	REPAIR SETTLING DAMAGE, GREAT FALLS JOB SERVICE Repair damage to building caused by settling to lengthen usable life of building.			$50,000		$50,000
7.	HEATING UNIT REPLACEMENT, MISSOULA JOB SERVICE Replace inefficient heating unit to increase energy conservation.			$50,000		$50,000
8.	CONSTRUCT/PURCHASE, BUTTE JOB SERVICE Expand building to consolidate staff and operations in one location.			$211,000		$211,000
9.	PARKING LOT CONSTRUCTION, HAVRE JOB SERVICE Acquire adjacent land and pave to provide parking for public use.			$10,000		$10,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
9.	BASEMENT RENOVATION, BOZEMAN JOB SERVICE Renovate basement for use as office space, meeting area and storage to accommodate program expansion.			$100,000		$100,000
	DEPARTMENT OF LABOR AND INDUSTRY SUBTOTAL	$11,000	$76,000	$474,600	$0	$561,600
	DEPARTMENT OF STATE LANDS					
1.	ROOF REPLACEMENTS, GREENOUGH, HELENA, OLNEY Repair or replace roofs in poor condition to prevent leakage and avoid water damage to structures and contents.	$17,200				$17,200
2.	MAINTENANCE PROJECTS, ANACONDA, GARRISON, MISSOULA Replace rest rooms, install alarm system in Anaconda. Replace water well in Garrison. Repair electrical service in Missoula shop.	$17,000				$17,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE				
		C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
3.	FOREST MANAGEMENT BUILDING ADDITION, MISSOULA Construct an addition to the Forest Management Building to provide adequate office and storage space.	$85,300				$85,300
4.	FIRE WAREHOUSE, EQUIPMENT DEVELOPMENT CENTER, MISSOULA Construct fire equipment storage building to protect equipment from deterioration.	$292,000				$292,000
5.	INTERAGENCY FIRE CENTER AND HANGER, HELENA Reconstruct previously purchased structure to provide a center for area fire operations and a hanger for the UHIB Helicopter.	$54,800			$54,800	$109,600
6.	FIRE WAREHOUSE, PLAINS UNIT Construct fire equipment storage building to provide adequate space for maintaining and storing equipment.	$36,000				$36,000
7.	NURSERY FREEZER AND COOLER, MISSOULA Install modular freezer/cooler unit to increase seedling survival rate.		$24,000			$24,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
8.	NURSERY SHOP BUILDING, MISSOULA Construct maintenance facility to replace existing antiquated building.		$101,000			$101,000
9.	RESIDENCE, SOUTH WEST LAND OFFICE, ANACONDA Construct Field Supervisor residence with Anaconda Civilian Conservation Corp volunteer labor to replace existing unsound structure.	$40,000				$40,000
10.	FIRE WAREHOUSE, MISSOULA Construct fire equipment storage building to provide adequate space for maintaining and storing equipment.	$22,000				$22,000
11.	FIRE WAREHOUSE, BOORMAN STATION Construct office, fire cache and dispatch center to replace outdated surplus military trailers. Construct open sided shed for vehicles storage.	$18,000				$18,000
12.	FIRE WAREHOUSE, HELENA Construct fire equipment storage building to provide adequate space for maintaining and storing equipment.	$30,000				$30,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
13. NURSERY STORAGE BUILDING, MISSOULA Construct nursery storage building to replace inadequate and unsound existing structure.		$22,000			$22,000
14. MAINTENANCE PROJECTS, KALISPELL Pave roads and parking lots to reduce safety and maintenance problems. Replace outdated phone systen to expand firefighter communication capability.	$60,000				$60,000
15. MAINTENANCE PROJECTS, HELENA Install security fencing, replace carpet and pave areas to provide needed repairs and improvements.	$53,350				$53,350
16. CENTRAL OFFICE PLANNING FUNDS, HELENA Provide funds to study alternatives and to prepare plans for an office building for the Department of State Lands.	$90,000		$30,000		$120,000
17. UPPER WHITEFISH BRIDGE REPLACEMENT, OLNEY Replace upper Whitefish bridge to insure vital access to state forest land.	$85,000				$85,000
DEPARTMENT OF STATE LANDS SUBTOTAL	$900,650	$147,000	$30,000	$54,800	$1,132,450

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
DEPARTMENT OF MILITARY AFFAIRS						
1.	ROOF REPLACEMENT, LEWISTOWN ARMORY Apply new roof to prevent leakage and to avoid future water damage to the structure and contents.	$43,930				$43,930
2.	HEATING CONVERSION, CULBERTSON ARMORY Install propane furnaces in existing facility to replace inefficient fuel oil system.	$29,200				$29,200
3.	NEW ARMORY BUILDING, LIVINGSTON Construct a new building to provide adequate space for armory functions, thus eliminating the need to rent space.	$500,800		$798,000		$1,298,800
4.	NEW ARMORY BUILDING, LIBBY Construct a new building to provide adequate space for armory functions, thus eliminating the need to rent space.	$495,600		$704,000		$1,199,600
5.	PAINT FACILITIES, STATEWIDE Paint facilities to prevent deterioration of the buildings.	$51,000				$51,000
6.	ENERGY CONSERVATION RETROFITS, STATEWIDE Retrofit existing buildings to reduce energy consumption.	$228,000				$228,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
7.	LAND ACQUISITION, BILLINGS Acquire land adjacent to existing Billings complex to provide for future expansion.	$145,601				$145,601
8.	BILLINGS ARMORY PLANNING Provide funding to pre-plan an armory building to house additional units.	$214,597				$214,597
9.	FEDERAL SPENDING AUTHORITY Provide Department of Military Affairs with authority to utilize federal funds.			$300,000		$300,000
10.	ARMORY STUDY, STATEWIDE Analyze existing armories to determine adequacy of facilities.	$8,000				$8,000
11.	VEHICLE STORAGE FACILITIES, STATEWIDE Construct vehicle storage facilities statewide to maintain value of equipment and to protect from deterioration.	$42,600		$840,000		$882,600
12.	NEW ARMORY BUILDING, GREAT FALLS Construct a new armory building to provide adequate space for the armories functions.			$3,267,370		$3,267,370

BUILDING PROGRAM REQUESTS

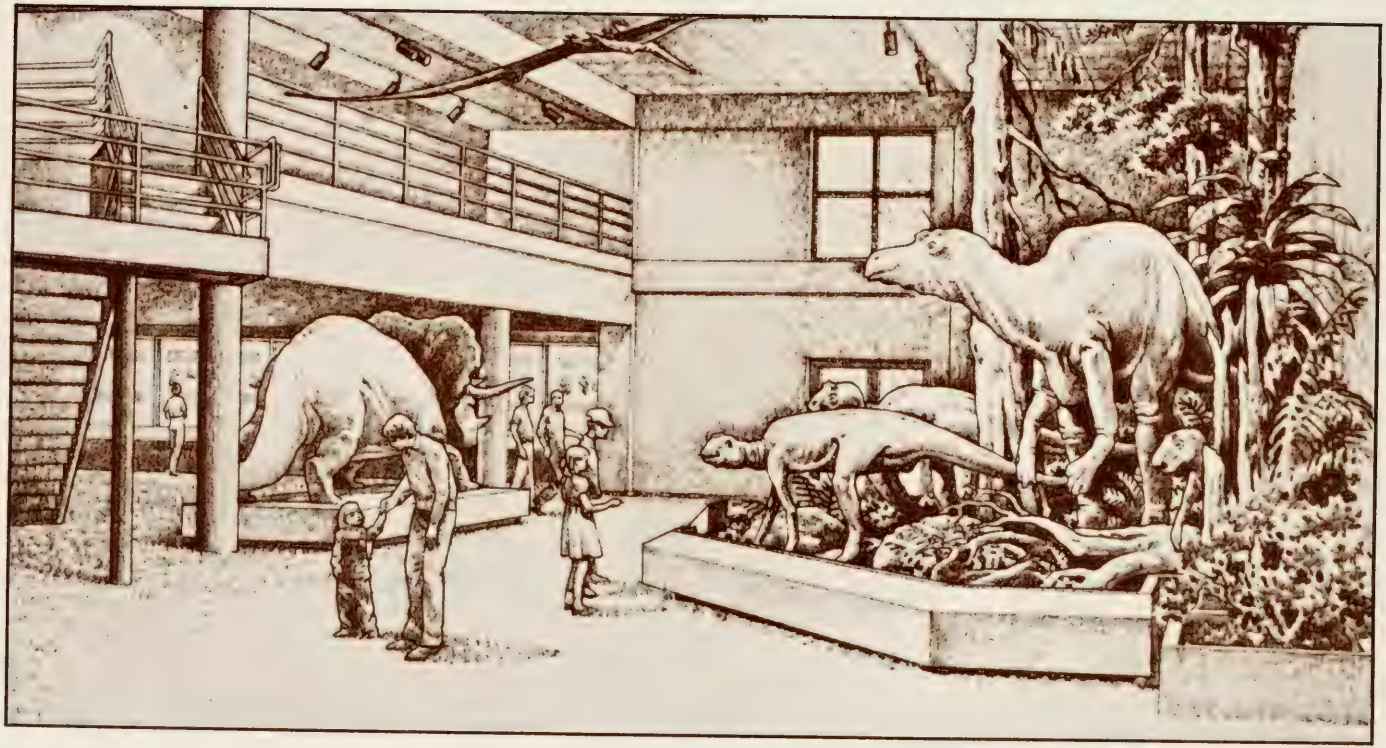
BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
13. ATTACK BATTALION ARMORY, HELENA Construct a new attack battalion armory to accommodate the headquarters of a helicopter battalion.			$2,320,000		$2,320,000
DEPARTMENT OF MILITARY AFFAIRS SUBTOTAL	$1,759,328	$0	$8,229,370	$0	$9,988,698
DEPARTMENT OF NATURAL RESOURCES & CONSERVATION					
1. OIL AND GAS DIVISION ADDITION, BILLINGS Construct addition to existing building to accommodate the administration of the Underground Injection Control program.			$116,950		$116,950
DEPARTMENT OF NATURAL RESOURCES & CONSERVATION SUBTOTAL	$0	$0	$116,950	$0	$116,950

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
DEPARTMENT OF REVENUE						
1.	REPAIR ROOF, LIQUOR WAREHOUSE, HELENA Repair existing roof to prevent leakage and damage to structure and contents.				$170,000	$170,000
	DEPARTMENT OF REVENUE SUBTOTAL	$0	$0	$0	$170,000	$170,000
	DEPARTMENTS AND AGENCIES TOTAL	$24,161,862	$11,494,720	$13,813,287	$691,360	$50,161,229



Phyllis B. Berger Dinosaur Hall

DEPARTMENT OF INSTITUTIONS

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
	DEPARTMENT OF INSTITUTIONS CENTRAL OFFICE CAPITOL CONSTRUCTION PROJECT PRIORITY LIST					
1.	Construct Low Security Housing Unit Montana State Prison	$1,184,600				$1,184,600
2.	Roof Replacement/Repair Montana Developmental Center, $83,500 Montana State Hospital, $200,730	$284,230				$284,230
3.	Replace Floors, Montana State Hospital	$301,000				$301,000
4.	Upgrade Cottages 10-15, Montana Developmental Center	$327,000				$327,000
5.	Construct Self-Contained Laundry, Eastmont Human Services Center	$350,000				$350,000
6.	Environmental Control System, Center for the Aged	$800,000				$800,000
7.	Building Modification & Exterior Lighting; Resident Living Area Upgrade, Center for the Aged	$193,596				$193,596
8.	Domestic Water System Upgrade, Montana State Prison	$517,570				$517,570

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
9.	General Maintenance Projects, Swan River Forest Camp	$42,000				$42,000
10.	Paint New Prison Facility Complex, Montana State Prison	$211,000				$211,000
11.	Equipment for Remodeled 16ABC Cottage, Montana Developmental Center	$88,000				$88,000
12.	Construct Patient Patio Areas 16ABC, Montana Developmental Center	$16,000				$16,000
13.	Boiler Room Water Softeners Montana State Hospital, Galen	$45,000				$45,000
14.	Install Steam Line To Receiving Hospital Montana State Hospital	$180,000				$180,000
15.	Boiler Plant Renovation, Montana State Hospital, Galen	$76,600				$76,600
16.	Security Fence Renovation & Upgrade, Montana State Prison	$220,000				$220,000
17.	Upgrade Intake Unit to Certification Standards, Montana State Hospital	$331,400				$331,400
18.	General Maintenance & Repair Project, Montana Developmental Center	$382,500				$382,500

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
19. Food Service Facility Upgrade, Montana State Hospital	$372,091				$372,091
20. Institution Campus Street & Pavement Eastmont, $25,000 Montana Veterans' Home, $10,500 Montana State Hospital, $500,000 Swan River Forest Camp, $75,000	$610,500				$610,500
21. Supplemental Appropriation - Porte Cochere Project, Center for the Aged	$10,380				$10,380
22. Supervisor Housing Units, Montana State Prison Ranch		$135,000			$135,000
23. Tin Cup Joe Irrigation System, Montana State Prison Ranch		$200,000			$200,000
24. Upgrade Water Towers, Warm Springs, Galen & Veterans Home	$337,000				$337,000
CENTRAL OFFICE PRIORITIES TOTAL	$6,880,467	$335,000	$0	$0	$7,215,467

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
	CENTRAL OFFICE					
1.	CONSTRUCT LOW SECURITY HOUSING UNIT, MONTANA STATE PRISON Construct a low security housing unit to reduce the present overcrowding and to accommodate projected population increases.	$1,184,600				$1,184,600
2.	EQUIPMENT FOR REMODELED 16ABC COTTAGE, MONTANA DEVELOPMENTAL CENTER Provide supplemental appropriation to furnish equipment necessary for completion of the remodel project.	$88,000				$88,000
3.	SUPPLEMENTAL APPROPRIATION, PORTE COCHERE PROJECT, CENTER FOR THE AGED Provide additional funding to allow for completion of project.	$10,380				$10,380
4.	UPGRADE WATER TOWERS, GALEN VETERANS HOME, WARM SPRINGS Provide necessary repairs to elevated tanks to prevent further deterioration.	$337,000				$337,000
	CENTRAL OFFICE SUBTOTAL	$1,619,980	$0	$0	$0	$1,619,980

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	C.P.F.	FUNDING SOURCE State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
EASTMONT HUMAN SERVICES CENTER					
1. BASEMENT RENOVATION, MULTIPURPOSE BUILDING Install concrete slab with drainage, automatic sprinkler system and second exit to allow use of basement and to prevent deterioration of the structure.	$109,000				$109,000
2. SELF-CONTAINED LAUNDRY, MULTIPURPOSE BUILDING BASEMENT Construct self-contained laundry to provide on site laundry capability.	$350,000				$350,000
3. SEWER SYSTEM MODIFICATION Install toilet facilities in garage and connect to sewer.	$935				$935
4. ROAD/PARKING LOT MAINTENANCE Chip seal and/or resurface asphalt roads, drives and parking lots to prevent deterioration.	$25,000				$25,000
5. PAVE TRAFFIC CIRCLE Install asphalt paving to provide additional parking and to eliminate drainage and erosion damage.	$27,500				$27,500

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
6. UNDERGROUND SPRINKLER SYSTEM EXPANSION, CAMPUSWIDE Install underground sprinklers to improve maintenance efficiency.	$24,000				$24,000
7. ENCLOSE WALKWAY COTTAGE III TO MULTIPURPOSE BUILDING Enclose walkway to provide a safe and protected passageway for residents and staff.	$69,300				$69,300
EASTMONT HUMAN SERVICES CENTER SUBTOTAL	$605,735	$0	$0	$0	$605,735
MONTANA CENTER FOR THE AGED					
1. ENVIRONMENTAL CONTROL SYSTEM Install mechanical air handling system to provide adequate air changes and decrease health risks.	$800,000				$800,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
2. BUILDING MODIFICATIONS & EXTERIOR LIGHTING Convert F wing to a "protective" wing and install additional exterior lighting to assure proper care and supervision of residents.	$45,396				$45,396
3. MAINTENANCE SHOP AND WAREHOUSE ACCESS RENOVATION Construct a new maintenance shop and renovate access to storage rooms to provide adequate working conditions.	$247,800				$247,800
4. RENOVATE RESIDENT LIVING AREAS Replace floor tile, exterior doors and windows to create a safer, more energy efficient facility.	$160,000				$160,000
MONTANA CENTER FOR THE AGED SUBTOTAL	$1,253,196	$0	$0	$0	$1,253,196

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
	MONTANA DEVELOPMENTAL CENTER					
1.	ELECTRICAL CODE INSPECTION AND CORRECTION, COTTAGES 10 - 15 Inspect junction boxes and replace faulty wiring where required to meet code requirements.	$27,000				$27,000
2.	REPAIR COTTAGES 10 - 15, PHASE II Renovate cottages to improve the living environment of the residents and to correct serious maintenance problems.	$300,000				$300,000
3.	STEAM LINE REPLACEMENT, BUILDINGS 6, 7 AND 9 Replace steam lines to reduce damage from leaks and conserve energy.	$38,000				$38,000
4.	INSECT, RODENT AND VERMIN CONTROL Provide devices to deter flying insects, vermin and rodents from entering buildings.	$80,000				$80,000
5.	ENCLOSED PATIO CONSTRUCTION, COTTAGE 16AB AND 16C Construct screened, covered patios to expand the opportunity for the physically handicapped residents to spend time outside.	$31,000				$31,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
6.	HEATER UNIT MODIFICATIONS Modify existing heating system to adequately heat laboratory, clinic and x-ray areas.	$4,500				$4,500
7.	RESIDENT LIVING UNITS Construct four "transition" living and training facilities for residents who have the potential of transferring into a community.	$700,000				$700,000
8.	HYDRANT SHUTOFF VALVE INSTALLATION Install shutoff valves at hydrants to allow maintenance on hydrants and water lines on an isolated basis.	$28,000				$28,000
9.	WATER LINE REPLACEMENT, CAMPUSWIDE Install new water lines to replace eroded steel pipes and to eliminate lead contamination of drinking water.	$265,000				$265,000
10.	ROOF REPLACEMENT/REPAIR Replace roofs on buildings 6 and 7 and seal coat roof on shop building to prevent leakage and future damage to structure and contents thereof.	$83,500				$83,500

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
11.	WALK-IN FREEZER/COOLERS Replace existing freezer and cooler units to provide more efficient, sanitary and economical storage of food.	$75,000				$75,000
12.	ENERGY RETROFIT - INSULATION Apply insulation to ceilings and wall in facilities with little or no insulation to reduce energy consumption.	$200,000				$200,000
13.	FOOD SERVICE BUILDING Construct a new Food Service building to improve efficiency and food quality.	$1,500,000				$1,500,000
14.	MAINTENANCE/WORKSHOP BUILDING Construct a Maintenance/Warehouse building to improve efficiency.	$850,000				$850,000
15.	PAVING , PHASE II Repair and seal coat existing asphalt and pave roads and drives currently unpaved to prevent deterioration.	$431,658				$431,658
16.	VEHICLE GARAGES Provide maintenance facility to service and protect vehicles from extreme weather conditions.	$65,000				$65,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
17. WELL MODIFICATIONS Connect well #3 to automatic switching gear to insure an adequate emergency water supply.	$15,184				$15,184
18. HEATING UNITS Install heating units for individual buildings to increase energy efficiency and to resident comfort.	$750,000				$750,000
19. BURIED TANK SURVEY Locate and install monitoring devices on all buried fuel tanks to comply with legislation.	$23,000				$23,000
20. STREET LIGHTING Install adequate street lighting as required to provide safer conditions for the residents and staff.	$25,000				$25,000
21. BUILDING DEMOLITION Demolish existing unused or vacant buildings to reduce maintenance and to eliminate fire hazard.	$200,000				$200,000
MONTANA DEVELOPMENTAL CENTER SUBTOTAL	$5,691,842	$0	$0	$0	$5,691,842

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE				
		C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
	MONTANA STATE HOSPITAL					
1.	DINING ROOM FLOOR, GALEN Replace damaged floor tiles to correct code deficiency and to improve aesthetics of the building.	$13,000				$13,000
2.	UTILITY ROOM FLOOR, CROCKETT I, GALEN Replace damaged ceramic floor tiles to correct code deficiency and to improve sanitation of the utility rooms.	$1,500				$1,500
3.	MULTIPURPOSE BUILDING FLOORING, WARM SPRINGS Replace outdated flooring to improve safety and aesthetics of the building.	$12,000				$12,000
4.	RECEIVING HOSPITAL FLOORING, WARM SPRINGS Replace outdated floor tiles to improve safety and aesthetics of the building.	$108,000				$108,000
5.	FOOD CENTER FLOORING, WARM SPRINGS Replace damaged flooring to improve safety and sanitation in the food preparation area.	$34,000				$34,000
6.	TERRILL WING FLOORING, GALEN Replace flooring to improve safety and aesthetics of the building.	$48,000				$48,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
7.	GYM FLOOR, MULTIPURPOSE BUILDING, WARM SPRINGS Replace hardwood floor to eliminate unsuitable surface conditions.	$84,500				$84,500
8.	BOILER ROOM WATER SOFTENERS, GALEN Replace deteriorating water softeners to insure longer life for the boilers and related equipment.	$45,000				$45,000
9.	STEAM LINE, RECEIVING HOSPITAL, WARM SPRINGS Install steam line to Central Steam Plant to replace damaged boilers at the Receiving Hospital.	$180,000				$180,000
10.	BOILER ROOM RENOVATION, GALEN Renovate or replace structurally unsound building.	$120,000				$120,000
11.	FOOD SERVICE AND BOILER ROOM ROOFS, GALEN Replace roof on Boiler Room and repair roof on Food Service Building to prevent leakage and future damage to structure and contents.	$56,835				$56,835
12.	DUPLEX ROOFS, WARM SPRINGS Replace roofs to prevent leakage and future damage to structures and contents.	$43,200				$43,200

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
13.	ALCOHOL SERVICE CENTER ROOF, GALEN Repair or replace roof to prevent leakage and future damage to structure and contents.	$98,000				$98,000
14.	GARAGE ROOFS, GALEN Replace roofs to prevent leakage and future damage to structures and contents.	$2,695				$2,695
15.	MAIN ENTRANCE RENOVATION, WARM SPRINGS Repair and/or replace deteriorated streets and sidewalks to improve access to the campus and reduce maintenance costs on vehicles.	$318,075				$318,075
16.	ROAD REPAIR AND PAVING, 3RD AVE, B ST, 2ND AVE EXTENSION, WARM SPRINGS Rebuild worn streets, pave dirt road, install new manhole covers and new sewers to eliminate holes and bumps.	$274,988				$274,988
17.	PAVE CONTINUATION OF C ST, WARM SPRINGS Pave unpaved roads and parking areas on the west side of campus.	$183,282				$183,282
18.	ROAD REPAIR, BOILER ROOM AREA, GALEN Repair existing paving and provide an overlay coat to eliminate holes and bumps.	$45,969				$45,969

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
19.	ROAD REPAIR AND PAVING, PINTLER LODGE, RECEIVING HOSPITAL, WARM SPRINGS Pave gravel roads and repair paved roads on the north side of campus.	$116,891				$116,891
20.	ROAD MAINTENANCE, 4TH AND 5TH AVE, WARM SPRINGS Rebuild deteriorated roads and replace cracked and uneven sidewalks.	$179,544				$179,544
21.	SEWER MANHOLE RELOCATION, DUPLEX AREA, WARM SPRINGS Relocate manhole covers over sewer line to facilitate sewer maintenance.	$33,980				$33,980
22.	PAVE ROADS, HOUSING AREA, WARM SPRINGS Pave dirt roads in housing area to reduce vehicle maintenance.	$105,959				$105,959
23.	SEWAGE PLANT DRYING BED, GALEN Construct sewage drying bed to bring existing sewage treatment plant into permit compliance.	$18,000				$18,000
24.	APPROACH CULVERTS, GALEN Provide culverts of sufficient size to accommodate peak water flow and lower the potential of flooding on the north side of the campus.	$12,400				$12,400

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
25.	BUILDING DEMOLITION Demolish old and unusable buildings on both campuses which pose safety and fire hazards.	$399,395				$399,395
26.	PCB REMOVAL, GALEN Remove and dispose of PCB fluid to reduce potential of exposure to carcinogenic material.	$30,000				$30,000
27.	TREE REMOVAL, WARM SPRINGS Remove old and dying cottonwoods and replace with more appropriate species.	$23,400				$23,400
28.	TREE TRIMMING AND REMOVAL, GALEN Trim and remove trees as required to protect overhead wires and buildings from damage caused by falling branches.	$7,000				$7,000
29.	FOOD SERVICE RENOVATION, WARM SPRINGS Renovate existing kitchen facilities to provide up-to-date equipment and to improve efficiency.	$213,900				$213,900
30.	DINING ROOM VESTIBULES, WARM SPRINGS Provide protected entries to make dining area more comfortable and to increase energy efficiency.	$11,932				$11,932

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
31.	WINDOW REPLACEMENT, DINING HALL, WARM SPRINGS Replace existing windows with new energy efficient window units to reduce energy costs and increase user comfort.	$11,772				$11,772
32.	FIRE SPRINKLER DINING HALL, WARM SPRINGS Install fire sprinklers to provide fire protection to residents, staff and building.	$122,647				$122,647
33.	FIRE SPRINKLER BAKERY, WARM SPRINGS Install fire sprinklers to protect areas staffed by both patients and employees.	$11,840				$11,840
34.	CROCKETT PATIO RENOVATION Replace deteriorating quarry tile floor and install canopy to provide a suitable outdoor area for residents.	$12,000				$12,000
35.	KEY SYSTEM, WARM SPRINGS Install new key system to provide better security.	$120,000				$120,000
36.	KEY SYSTEM, GALEN Install new key system to provide better security.	$30,000				$30,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
37.	RENOVATE FOOD SERVICE DELIVERY, GALEN Replace doors, resurface and protect loading dock from exposure to weather to provide a safer delivery area.	$3,600				$3,600
38.	FIRE SPRINKLER SYSTEM, BUILDINGS CAMPUSWIDE, WARM SPRINGS Install fire detection and sprinkler systems as needed to protect occupants and property and to meet Life/Safety code requirements.	$439,036				$439,036
39.	FIRE SPRINKLER SYSTEM, HOSPITAL BUILDING, GALEN Install fire sprinkler system in patient occupied wings to meet code requirements and protect occupants.	$238,988				$238,988
40.	ELEVATOR LOCK-OUTS Modify elevators campuswide to prevent use during a fire.	$45,000				$45,000
41.	MODIFY FIRE HYDRANTS, GALEN Install valves on fire hydrants to allow maintenance without interrupting water supply to the entire campus.	$10,440				$10,440
42.	SMOKE DETECTORS, LIGHTHOUSE, GALEN Install smoke detectors to protect residents and property.	$5,000				$5,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	C.P.F.	FUNDING SOURCE State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
43. REWIRE LIGHTHOUSE, GALEN Rewire Lighthouse to meet the increased electrical demand and code requirements.	$14,800				$14,800
44. THERMOSTATS, LIGHTHOUSE, GALEN Replace existing radiator valves with thermostatically controlled valves to individually control temperatures.	$1,225				$1,225
45. STORM WINDOWS, LIGHTHOUSE, GALEN Install storm windows to reduce energy costs and increase patient and staff comfort.	$2,880				$2,880
46. INTAKE BUILDING MODIFICATION, WARM SPRINGS Expand and modify existing building to comply with the necessary standards to be eligible for licensing as a psychiatric hospital	$331,400				$331,400
47. WINDOW REPLACEMENT, CROCKETT AND TERRILL, GALEN Install new energy efficient window units to reduce energy cost and increase patient and staff comfort.	$250,000				$250,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE				
	C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
48. WINDOW REPLACEMENT, RECEIVING HOSPITAL, Install new energy efficient window units to reduce energy cost and increase patient and staff comfort.	$76,800				$76,800
49. ENERGY RETROFIT, ADMINISTRATIVE ANNEX, WARM SPRINGS Replace windows, modify heating system and insulate attic to reduce energy costs. Repair deteriorating ornamentation for safety reasons.	$89,370				$89,370
50. TRANSFORMER RELOCATION, GALEN Move transformers to new concrete pad, replace existing overhead wire, repair capacitors and high voltage lines to insure against power outage.	$58,500				$58,500
51. WAREHOUSE EXPANSION, WARM SPRINGS Expand existing warehouse to consolidate warehouse functions, increase control and save energy.	$246,300				$246,300
52. RENOVATE LIGHTING, WARM SPRINGS Replace existing incandescent fixtures with fluorescent fixtures to conserve energy.	$29,671				$29,671

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
53.	RENOVATE LIGHTING, GALEN Replace existing incandescent fixtures with fluorescent fixtures to conserve energy.	$9,218				$9,218
54.	HOUSING INSULATION, WARM SPRINGS Insulate residential duplexes to reduce heat loss.	$166,400				$166,400
55.	BOILER REPLACEMENT, WARM SPRINGS Replace outdated and inefficient hot water boilers servicing duplex housing units.	$14,300				$14,300
56.	ENERGY RETROFIT, MAIN BOILER ROOM, WARM SPRINGS Replace faulty economizers in main boiler stacks to reclaim heat.	$150,000				$150,000
57.	INSULATE PIPES, WARM SPRINGS AND GALEN Insulate bare steam pipes to conserve energy.	$20,210				$20,210

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
58.	SOLARIUM BLANKETS, GALEN Install insulated, moveable window blankets to reduce heat loss and to increase patient comfort.	$9,000				$9,000
	MONTANA STATE HOSPITAL SUBTOTAL	$5,341,842	$0	$0	$0	$5,341,842
	MONTANA STATE PRISON					
1.	FENCE RENOVATION AND SECURITY IMPROVEMENT Modify fence perimeter and upgrade the security system in the Industries Compound to improve security integrity.	$250,000				$250,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
2. HIGH SECURITY INDUSTRY FACILITY Provide an industries building to enable high security inmates to participate in a productive, realistic work experience.	$4,161,400				$4,161,400
3. GASOLINE AND SERVICE STATION Replace existing fuel dispensing station and fuel tanks to provide additional vehicle maintenance area and to comply with EPA standards.	$225,000				$225,000
4. AUTOMOTIVE TRAINING FACILITY ADDITION Expand Automotive Training Facility to meet increasing demand.	$384,000				$384,000
5. NEW PRISON FACILITY PAINTING Provide funding to paint new buildings left unpainted due to budget constraints.	$211,000				$211,000
6. CONSOLIDATED WAREHOUSE Construct a consolidated warehouse to allow the initiation of an institution wide food and dry goods distribution program.	$555,200				$555,200

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
7. DOMESTIC WATER STORAGE AND EMERGENCY POWER FOR PRODUCTION WELLS Increase water storage capacity and provide emergency power to wells.	$517,570				$517,570
8. SUPERVISOR HOUSING UNITS, MONTANA STATE PRISON RANCH Construct three new housing units with inmate labor to replace existing deteriorated housing.		$135,000			$135,000
9. TIN CUP JOE IRRIGATION SYSTEM, MONTANA STATE PRISON RANCH Construct sprinkler irrigation system to better utilize water from Tin Cup Joe Creek.		$200,000			$200,000
MONTANA STATE PRISON SUBTOTAL	$6,304,170	$335,000	$0	$0	$6,639,170
MONTANA VETERANS' HOME					
1. SEAL COAT ASPHALT PAVING Seal coat existing asphalt paving to prevent continuing deterioration.	$10,500				$10,500

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
2. OLD MAIN AND MENS' DORM DEMOLITION Demolish existing building to eliminate possible fire and safety hazards.	$180,000				$180,000
MONTANA VETERANS' HOME SUBTOTAL	$190,500	$0	$0	$0	$190,500
SWAN RIVER FOREST CAMP					
1. SHOP BUILDING EXPANSION Construct an addition to the existing shop building to reduce overcrowding and improve training programs.	$175,000				$175,000
2. PAVE ROADS AND PARKING LOT Pave dirt roads to reduce maintenance and dust problems.	$75,000				$75,000
3. VENTILATION INSTALLATION, CEILING REPAIR, LODGE BUILDING Provide attic ventilation to prevent additional condensation damage from and replace existing damaged ceiling tiles.	$10,000				$10,000

BUILDING PROGRAM REQUESTS

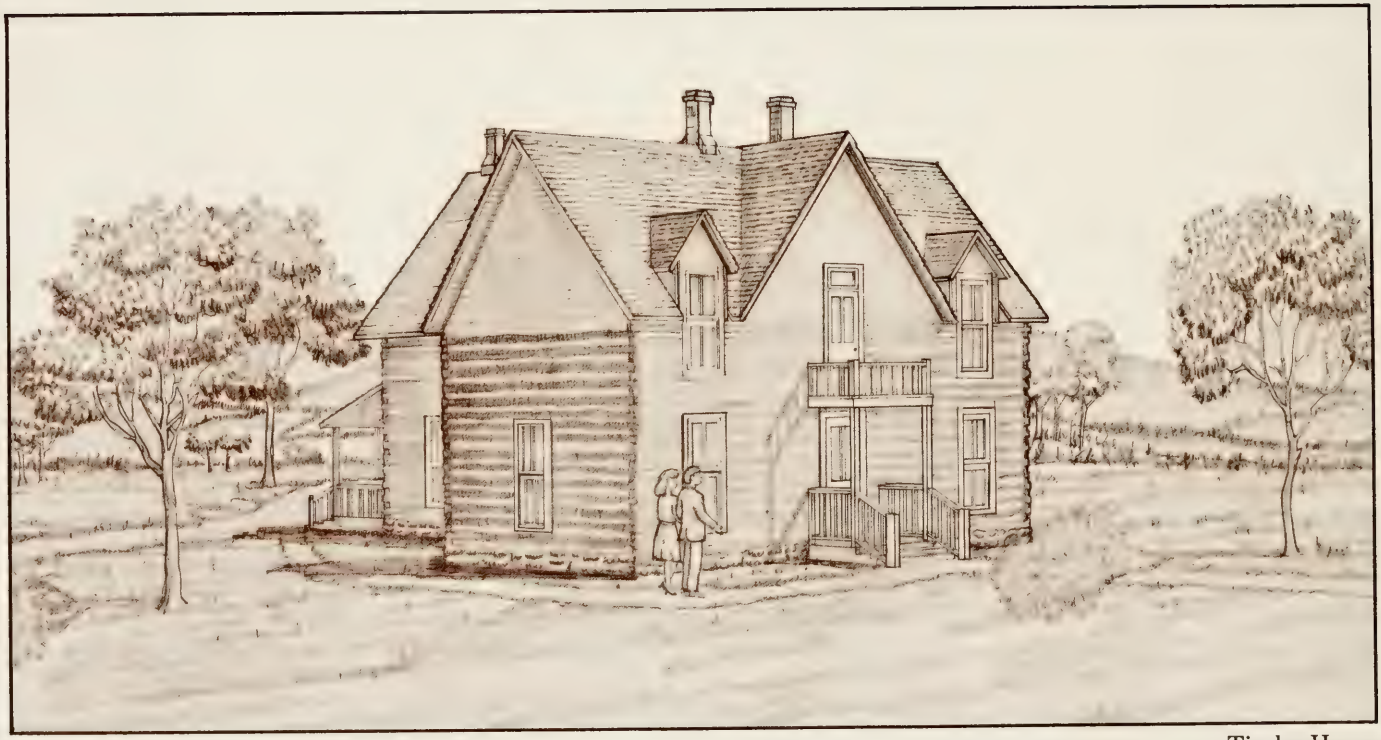
BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
4.	EXTERIOR PAINTING Paint soffits and exteriors of the camp buildings to prevent further deterioration.	$12,000				$12,000
5.	WATER LINE REPLACEMENT Replace deteriorated lines to prevent leakage and collapse of water system.	$20,000				$20,000
	SWAN RIVER FOREST CAMP SUBTOTAL	$292,000	$0	$0	$0	$292,000
	WOMEN'S CORRECTIONAL CENTER					
1.	EMERGENCY LIGHTING SYSTEM Provide emergency backup lighting to improve security in the event of a outage.	$1,250				$1,250
2.	HOT WATER SYSTEM MODIFICATION Attach hot water system to Montana State Hospitals' geothermal system to reduce maintenance expenditures.	$2,900				$2,900

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
3. FLUORESCENT LIGHTING Replace incandescent lighting with fluorescent fixtures to reduce energy consumption and maintenance costs.	$780				$780
4. INSULATE HOT WATER PIPES Install insulation on exposed hot water pipes to reduce heat loss and utility costs.	$655				$655
5. INSTALL THERMOSTATS Install individual thermostats to regulate heat in areas with intermittent occupancy.	$430				$430
WOMEN'S CORRECTIONAL CENTER SUBTOTAL	$6,015	$0	$0	$0	$6,015
DEPARTMENT OF INSTITUTIONS TOTAL	$21,305,280	$335,000	$0	$0	$21,640,280



Tinsley Home

MONTANA UNIVERSITY SYSTEM

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
MONTANA UNIVERSITY SYSTEM BOARD OF REGENTS OF HIGHER EDUCATION CAPITOL CONSTRUCTION PROJECT PRIORITY LIST					
HEALTH AND SAFETY PROJECTS					
1. Alarm System, Western Montana College	$23,000				$23,000
2. Eliminate PCB, Western Montana College	$40,000				$40,000
3. Fire Code Compliance, Eastern Montana College	$325,000				$325,000
4. Fume Hood, Science Building, Eastern Montana College	$10,000				$10,000
5. Sprinkler System, Rankin Hall, University of Montana	$194,000				$194,000
6. Access for Physically Impaired	$1,000,000				$1,000,000
Accessibility Modifications, Montana State University ($661,000)					
Handicapped Accessibility, Business Administration Building, University of Montana ($366,700)					
Accessibility Modifications, Eastern Montana College ($60,000)					

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
MAJOR MAINTENANCE						
7.	Roof Repair and Maintenance, Systemwide	$1,715,090				$1,715,090
	Donaldson Building, Helena Vocational Technical Center ($221,490)					
	Maintenance, Western Montana College ($10,000)					
	Gym Roof, Northern Montana College ($75,000)					
	Library Classroom Building, Eastern Montana College ($120,000)					
	Physical Education Building, Eastern Montana College ($625,000)					
	Roofs, University of Montana ($532,600)					
	Gaines & Taylor Halls, Montana State University ($131,000)					
8.	Carpet Replacement, Missoula Vocational Technical Center Administration Building	$80,000				$80,000
9.	Heating Controls, Old Main, Western Montana College	$20,000				$20,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
10.	Replace Windows, Cowan Hall, Northern Montana College	$160,000				$160,000
11.	Insulate Engineering Hall, Main Hall and Physical Plant Building, Montana Tech	$15,000				$15,000
12.	Window Retrofit, Engineering Hall and Library Museum Building, Montana Tech	$190,000				$190,000
13.	Major Maintenance, University of Montana	$286,000				$286,000
14.	Major Maintenance, Montana State Agricultural Experiment Station	$475,600				$475,600
15.	Heating Plant, Montana State University	$408,000				$408,000
16.	Window Renovation, University of Montana	$127,000				$127,000
17.	Exterior Doors and Windows, Western Montana College	$14,000				$14,000
RENOVATIONS						
18.	Electrical Distribution System, Phase II, Montana State University	$1,914,000			$72,600	$1,986,600
19.	Replacement of Natural Gas Main, Phase I., Montana State University	$60,000				$60,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
20. Major Maintenance, Water Mains, University of Montana	$130,000				$130,000
21. Primary Electrical Loop, Eastern Montana College	$335,000			$140,000	$475,000
22. Replace Steam Service Lines to Rankin Hall, University of Montana	$98,000				$98,000
23. Primary Electrical Loop, Montana Tech	$370,000				$370,000
24. Heating and Cooling System, Education Building, Eastern Montana College	$500,000				$500,000
25. Repair Rest Rooms, Main Hall, Montana Tech	$53,000				$53,000
26. Floor Covering, Mining Geology Lab, Montana Tech	$45,000				$45,000
27. Renovate Instructional Kitchen, Missoula Vocational Technical Center	$60,000				$60,000
28. Temperature Controls, University of Montana	$307,400				$307,400
29. Culbertson Hall Renovation, Montana State University	$360,000				$360,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
30. Stair Enclosure and Second Exits, University of Montana	$264,000				$264,000
31. Classroom Renovation and Repair, Linfield, Gaines, AJM, Montana State Universit	$400,000				$400,000
32. Art Area Modifications, Eastern Montana College	$55,000				$55,000
33. Chemistry, Pharmacy Renovation, University of Montana	$677,500				$677,500
34. Linfield Hall Remodeling, Montana State University	$225,000				$225,000
35. Science Complex Renovation, University of Montana	$468,000				$468,000
36. Herrick Hall Remodeling, Montana State University	$370,000				$370,000
37. Raze Mill Building, Montana Tech	$190,000				$190,000
MAJOR CONSTRUCTION PROJECTS					
38. Engineering/Physical Science Building, Montana State University	$18,000,000				$18,000,000
39. Business Administration, University of Montana	$13,786,000				$13,786,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE				
	C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
40. Expansion of Classroom Office Building, Eastern Montana College	$14,500,000				$14,500,000
41. Metallurgy Building Remodel, Montana Tech	$2,300,000				$2,300,000
42. Donaldson Hall Renovation, Northern Montana College	$800,000				$800,000
AUTHORIZATION ONLY PROJECTS					
43. P.E. Roof Replacement, Western Montana College				$230,000	$230,000
44. SUB Remodeling, Western Montana College				$502,000	$502,000
45. Miscellaneous Projects, University of Montana				$172,000	$172,000
46. Life Science Building, University of Montana				$10,000,000	$10,000,000
47. Centennial Mall, Montana State University				$650,000	$650,000
BOARD OF REGENTS PRIORITIES TOTAL	$61,350,590	$0	$0	$11,766,600	$73,117,190

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
EASTERN MONTANA COLLEGE						
1.	GENERAL CLASSROOM AND OFFICE BUILDING EXPANSION Add nine additional floors to existing Special Education Building to accommodate growth.	$14,500,000				$14,500,000
2.	PHYSICAL EDUCATION BUILDING ASBESTOS ABATEMENT AND ROOF REPLACEMENT Remove asbestos ceiling material and replace roof to prevent leaks and protect the structure and contents.	$625,000				$625,000
3.	FIRE CODE COMPLIANCE Bring existing buildings into compliance with fire code.	$325,000				$325,000
4.	BUILDING ACCESS MODIFICATIONS Eliminate architectural barriers in various academic buildings.	$60,000				$60,000
5.	SCIENCE FUME HOOD Install fume hood in the Botany Lab to vent potentially dangerous fumes.	$10,000				$10,000
6.	LIBRARY ADDITION Construct an addition to the Library to accommodate increasing student use.	$5,512,000				$5,512,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
7.	ROOF REPLACEMENTS Replace roofs on the Education Building, Library Classroom Building and Cisel Hall to prevent leaks and protect the structures and contents.	$242,000				$242,000
8.	PRIMARY ELECTRICAL DISTRIBUTION SYSTEM Replace the present underground wiring and building transformers with a 13,000 volt distribution system to provide more reliable power.	$335,000			$140,000	$475,000
9.	HEATING AND COOLING SYSTEM, EDUCATION BUILDING Replace existing heating and cooling system to improve the teaching and learning environment.	$500,000				$500,000
10.	ART AREA MODIFICATION Renovate the Art Department area to comply with the recommendations of a national accreditation report.	$55,000				$55,000
11.	AUTO/PEDESTRIAN BRIDGE Replace existing auto bridge with one capable of carrying two lanes of traffic and a sidewalk to improve safety.	$150,000				$150,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
12. WINDOW REPLACEMENT Replace windows in Cisel Hall, Science Building and Science Building to improve energy efficiency and occupant comfort.	$297,000				$297,000
13. MASTER PLANNING AND UNDERGROUND SPRINKLING SYSTEM Provide planning for future expansion of campus. Expand underground sprinkler system to enhance the development of the grounds.	$195,000				$195,000
EASTERN MONTANA COLLEGE SUBTOTAL	$22,806,000	$0	$0	$140,000	$22,946,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PPOJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
MONTANA STATE UNIVERSITY					
1. CENTENNIAL MALL Develop a pedestrian mall on Garfield Street between 6th and 11th streets with private donations.				$650,000	$650,000
2. ENGINEERING/PHYSICAL SCIENCES COMPLEX Build a facility to house engineering and physical sciences and provide adequate laboratory and classroom space.	$18,000,000				$18,000,000
3. CULBERTSON HALL RENOVATION Remodel Culbertson Hall to house the Computing Center, Publications and News and other small service departments.	$360,000				$360,000
4. ELECTRICAL DISTRIBUTION SYSTEM, PHASE II Complete the conversion to a 15KV rated capacity primary electrical distribution system to meet increasing demand from existing facilities.	$1,914,000			$72,600	$1,986,600
5. ROOF REPLACEMENT Replace roofs on Gaines and Taylor Halls to prevent leakage and to avoid future water damage to structures and contents.	$131,000				$131,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
6.	CLASSROOM RENOVATION AND REPAIR, PHASE I OF III Renovate and repair classrooms to provide effective instructional environments.	$400,000				$400,000
7.	NATURAL GAS MAIN REPLACEMENT, PHASE I OF II Replace deteriorating steel natural gas line to curtail leakage and energy loss.	$60,000				$60,000
8.	HANDICAPPED MODIFICATIONS Provide modifications to increase use and accessibility for the mobility impaired.	$661,000				$661,000
9.	AGRICULTURAL/LIFE SCIENCE COMPLEX PLANNING Provide comprehensive construction planning for all major facilities related to the Agricultural/Life Sciences Program.	$200,000				$200,000
10.	HEATING PLANT MAJOR MAINTENANCE, PHASE I OF II Upgrade burners, controls and emergency generator capacity at the Heating Plant to comply with current standards.	$408,000				$408,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
11. RENNE LIBRARY REMODEL Finish the unfinished basement area to expand usable space and relieve overcrowding in remainder of building.	$372,500				$372,500
12. CENTRAL STORAGE AND MAINTENANCE FACILITY Construct an addition to existing Physical Plant to consolidate Central Stores and craft shops.	$500,000				$500,000
13. ASBESTOS ABATEMENT, PHASE I OF III Remove or encapsulate existing asbestos to reduce potentially hazardous conditions.	$200,000				$200,000
14. LINFIELD HALL REMODELING Renovate existing facility to provide needed office and laboratory space.	$225,000				$225,000
15. HERRICK HALL RENOVATION Remodel fourth floor and basement to meet fire codes, provide handicapped access and make a usable, safe, area for expansion of programs.	$370,000				$370,000
16. WATER/SEWER/STEAM PIPING SYSTEMS SURVEY Survey existing buried lines to determine condition and provide a recommendation for repair or replacement.	$73,000				$73,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
17.	REPLACE HAMILTON HALL Demolish and replace deteriorating structure to meet campus demand.	$1,726,000				$1,726,000
	MONTANA STATE UNIVERSITY SUBTOTAL	$25,600,500	$0	$0	$722,600	$26,323,100
	MONTANA STATE UNIVERSITY, AGRICULTURAL EXPERIMENT STATIONS					
1.	ANIMAL SCIENCE MACHINE SHOP Construct a machine shop and an unheated storage barn to replace existing deteriorated and unsafe structure.	$175,000				$175,000
2.	MACHINE SHOP, NARC HAVRE Construct a machine shop to accommodate large equipment repair.	$150,000				$150,000
3.	FIELD SERVICE BUILDING Construct Field Service Facility to accommodate service laboratories.	$500,000				$500,000
4.	HADLEIGH MARSH LABORATORY RENOVATION Renovate existing environmental control and electrical systems to update facility.	$93,000				$93,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
5. MAJOR MAINTENANCE, SYSTEMWIDE Maintain Agricultural Experiment Stations statewide to prevent further deterioration.	$475,600				$475,600
MSU AGRICULTURAL EXPERIMENT STATIONS SUBTOTAL	$1,393,600	$0	$0	$0	$1,393,600
MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY					
1. ASBESTOS ABATEMENT, MILL BUILDING Remove asbestos to decrease user exposure to hazardous material.	$45,000				$45,000
2. REMOVE MILL BUILDING STACK Remove Mill Building stack to eliminate safety hazard.	$10,000				$10,000
3. REPAIR CAMPUS STAIRS Repair deteriorated concrete stairs to improve pedestrian safety.	$18,000				$18,000
4. ENGINEERING STUDY, UTILITY TUNNEL Conduct an engineering study to examine utility tunnel settling and prepare a plan to repair damage.	$14,000				$14,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
5.	TUNNEL REPAIR Repair floor and waterproof pedestrian tunnels to eliminate safety hazards.	$37,000				$37,000
6.	HANDICAPPED MODIFICATIONS, ENGINEERING HALL Install handicapped accessible women's rest room on first floor of the Engineering Building.	$22,000				$22,000
7.	HANDICAPPED MODIFICATIONS, MUSEUM BUILDING Install a passenger elevator to improve handicapped accessibility.	$140,000				$140,000
8.	WINDOW RETROFIT, ENGINEERING HALL Replace deteriorated double hung wood windows to improve energy efficiency and user comfort.	$66,000				$66,000
9.	WINDOW RETROFIT, LIBRARY/MUSEUM Replace steel framed windows to improve energy efficiency and user comfort.	$124,000				$124,000
10.	MALL REPAIR AND EROSION CONTROL Restore deteriorated brick veneer on Mall and control erosion on the north bank of the Library/Auditorium Building to improve the appearance of the campus.	$75,000				$75,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
11. INSULATE BUILDINGS Insulate Engineering Hall, Main Hall and Physical Plant Building to improve energy conservation.	$15,000				$15,000
12. EXTERIOR PAINTING Paint trim on the Mill Building and Engineering Hall to prevent deterioration.	$8,500				$8,500
13. REST ROOM RENOVATION, MAIN HALL Renovate outdated basement rest rooms to improve appearance and accessibility.	$53,000				$53,000
14. FLOOR COVERINGS, MINING/GEOLOGY BUILDING AND LIBRARY Replace worn carpets to improve appearance and safety.	$45,000				$45,000
15. METALLURGY BUILDING RENOVATION Renovate existing facility to provide adequate student/facility space; update utilities and labs and improve safety.	$2,300,000				$2,300,000
16. ELECTRICAL LOOP SYSTEM Develop an electric loop system to prevent major shutdowns and reduce "down" time throughout the campus.	$370,000				$370,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
17.	RAZE OR RENOVATE MILL BUILDING Renovate Mill Building to better accommodate student/facility use, or raze to provide for Mall expansion.	$180,000				$180,000
18.	ENGINEERING HALL RENOVATION Renovate existing facility to better utilize classrooms, provide office space and consolidate student services.	$200,000				$200,000
19.	PROPERTY ACQUISITION Acquire property located in the interior of campus to provide for organized future expansion.	$225,000				$225,000
	MONTANA TECH SUBTOTALS	$3,947,500	$0	$0	$0	$3,947,500

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
NORTHERN MONTANA COLLEGE					
1. MULTI-USE TECHNOLOGY BUILDING Construct a building to alleviate over crowding in buildings and to improve instructional facilities.	$7,250,000				$7,250,000
2. REMODEL DONALDSON HALL Renovate two floors of existing building to meet fire code requirements, to improve handicapped accessibility and to make vacant space usable.	$800,000				$800,000
3. GYMNASIUM ENTRY REMODEL Remodel Gym entry to provide additional lobby space, a new ticket booth and improved handicapped access.	$200,000				$200,000
4. COWAN HALL WINDOW REPLACEMENT Replace existing single pane steel sash windows to improve energy efficiency.	$160,000				$160,000
5. HANDICAPPED ACCESSIBILITY MODIFICATIONS Modify several buildings on campus to make existing facilities more suitable for use by the physically handicapped.	$75,000				$75,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
6.	BROCKMAN CENTER SIDEWALK REPAIR Replace uneven and sloping sidewalk to provide a safe walking surface between campus buildings.	$20,000				$20,000
7.	REPAIR STREETS AND SEAL COAT Repair damaged sections of streets and chip seal to extend useful life of the pavement.	$59,000				$59,000
8.	CORROSION CONTROL STUDY Survey existing buried lines to determine extent of existing corrosion problem and develop remedial strategy.	$26,000				$26,000
9.	LIBRARY EXPANSION Construct addition to existing library to relieve overcrowding and to expand present library capabilities.	$2,250,000				$2,250,000
10.	REPLACE ROOF - MAIN GYMNASIUM Replace deteriorated built-up roof with new single-ply membrane roof and additional insulation.	$75,000				$75,000
11.	RENOVATE HEATING SYSTEM, COWAN HALL Renovate existing heating system to improve energy efficiency, control temperatures and reduce maintenance.	$65,000				$65,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
12.	ASBESTOS ABATEMENT, COWAN HALL Remove and dispose of asbestos from wall and ceiling finishes to prevent public exposure to hazardous material.	$75,000				$75,000
13.	EXTERIOR REPAIRS, PERSHING HALL Provide exterior repairs to preserve the historic heritage of the building and to prevent further deterioration.	$82,000				$82,000
14.	CAMPUS ELEVATOR Provide an elevator to give physically handicapped students access between the two levels of the campus.	$149,500				$149,500
15.	CENTRAL RECEIVING AND STORAGE BUILDING Construct a new central receiving and storage facility to eliminate over crowding and the need to rent space.	$250,000				$250,000
16.	GYMNASIUM HEATING RENOVATIONS Renovate Gym heating system to improve energy efficiency, lower maintenance costs and improve user comfort.	$125,000				$125,000
17.	PAVE STREETS Pave existing gravel streets to reduce maintenance costs and to enhance campus street system.	$138,000				$138,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
18.	CONSTRUCT GYMNASIUM Construct new gymnasium to replace obsolete existing Gym and to provide adequate room for instructional and recreational functions.	$8,000,000				$8,000,000
	NORTHERN MONTANA COLLEGE SUBTOTAL	$19,799,500	$0	$0	$0	$19,799,500
	UNIVERSITY OF MONTANA					
1.	BUSINESS ADMINISTRATION BUILDING Construct a new School of Business building to replace existing inadequate facilities and consolidate the program.	$13,786,000				$13,786,000
2.	EXTERIOR FIRE PROTECTION MODIFICATIONS Renovate fire fighting access routes, remove safety hazards and upgrade fire hydrants to improve public safety.	$357,700				$357,700

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
3.	FIRE PROTECTION, RANKIN HALL Install fire sprinkler systems and smoke detectors to protect occupants and buildings from fire.	$194,200				$194,200
4.	FIRE PROTECTION, UNIVERSITY HALL Install fire sprinkler systems and smoke detectors to protect occupants and buildings from fire.	$396,200				$396,200
5.	LIFE SAFETY PROJECTS, CAMPUSWIDE Complete life safety projects to reduce the risk of loss of life and property due to existing hazardous conditions.	$163,000				$163,000
6.	STAIR ENCLOSURE AND SECOND EXITS Enclose stairs and provide second exits to comply with fire and building code requirements.	$264,500				$264,500
7.	ASBESTOS ABATEMENT, PHASE II, CAMPUSWIDE Encapsulate or remove and dispose of asbestos containing materials within existing facilities to reduce potentially hazardous conditions.	$425,700				$425,700

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
8.	ASBESTOS ABATEMENT, HEALTH SCIENCES BUILDING Encapsulate or remove and dispose of asbestos containing materials within existing facility to reduce potentially hazardous condition.	$447,200				$447,200
9.	MAJOR MAINTENANCE, ROOFS Repair or replace roofs as needed to prevent leakage and to avoid future water damage to structures and contents.	$532,600				$532,600
10.	HANDICAPPED ACCESS MODIFICATION, BUSINESS ADMINISTRATION BUILDING Modify building to allow access to upper floors by physically impaired individuals.	$366,700				$366,700
11.	HANDICAPPED ACCESS, CAMPUSWIDE Improve handicapped accessibility to numerous facilities campuswide.	$346,900				$346,900
12.	HANDICAPPED ACCESS, McGILL HALL Make all portions of McGill Hall accessible to handicapped persons.	$363,100				$363,100

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
13.	MAJOR MAINTENANCE, UTILITIES Replace steam lines to Rankin Hall, install relays in tunnels and repair power outlets in the Central Oval to improve energy savings.	$127,100				$127,100
14.	MAJOR MAINTENANCE, WATER MAINS Replace leaking and antiquated water pipes to improve efficiency of water delivery to campus buildings.	$130,000				$130,000
15.	MAJOR MAINTENANCE, REPAIRS AND PAINTING Provide miscellaneous repairs and maintenance to Missoula Campus and Yellow Bay Biological Station.	$286,000				$286,000
16.	MAJOR MAINTENANCE, TEMPERATURE CONTROLS Update obsolete and deteriorating temperature control systems to make existing facilities more comfortable and energy efficient.	$325,000				$325,000
17.	MAJOR MAINTENANCE, WINDOW RENOVATION Replace or repair deteriorated windows to make existing facilities more comfortable and energy efficient.	$141,000				$141,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
18. MAJOR MAINTENANCE, CEILINGS Install dropped ceilings in several buildings to reduce heating costs and conceal deteriorated ceilings.	$245,800				$245,800
19. LODGE BUILDING RENOVATION Renovate portions of the Lodge Building to consolidate the Financial Aid, Registrar and Controller's offices.	$394,500				$394,500
20. CHEMISTRY/PHARMACY RENOVATIONS Renovate laboratory space to more effectively accommodate laboratory classes and research space.	$677,500				$677,500
21. SCIENCE COMPLEX RENOVATIONS Renovate deficient areas of the Science Complex to improve the utility and safety of the facility.	$468,600				$468,600
22. ART ANNEX RENOVATIONS Reconstruct the buildings deteriorated facade and construct a secure outdoor sculpture studio.	$220,100				$220,100
23. MISCELLANEOUS RENOVATIONS Renovate teaching spaces campuswide and sleeping cabins at Lubrecht Forest to improve their effectiveness.	$257,300				$257,300

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
24. CLOVERBOWL RENOVATION, PHASE I. Renovate Cloverbowl field to improve appearance and safety.	$310,600				$310,600
25. LIBRARY FURNISHINGS, PHASE I. Provide additional seating and desks in the Library to meet current standards and replace outdated furniture.	$225,000				$225,000
26. LIBRARY SHELVING, PHASE I Provide a compact storage system to accommodate growing archives collection.	$330,400				$330,400
27. PLANNING, CAMPUSWIDE Provide planning for new facilities and renovation of existing structures to eliminate overcrowding.	$594,000				$594,000
28. PROPERTY ACQUISITION, PHASE I. Acquire property to provide for future campus development.	$400,000				$400,000
29. ACQUISITION AND RENOVATION OF CORBIN, NORTH CORBIN AND BRANTLY HALLS Purchase and convert dormitory buildings to classrooms and office space.	$1,867,500				$1,867,500

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
30. BOTANY ANNEX AND GREENHOUSE RENOVATION Renovate antiquated facility to improve instructional effectiveness.	$196,700				$196,700
31. MISCELLANEOUS PROJECTS Complete various remodel, moving and expansion projects campuswide to benefit students, faculty and staff.				$172,900	$172,900
32. LIFE SCIENCES BUILDING Construct new facility to consolidate Life Science Disciplines and reduce overcrowding.				$10,000,000	$10,000,000
UNIVERSITY OF MONTANA SUBTOTAL	$24,840,900	$0	$0	$10,172,900	$35,013,800
WESTERN MONTANA COLLEGE					
1. FIRE PROTECTION, PHASE II Repair existing systems and install new alarm systems as necessary to provide adequate fire protection for the campus.	$23,000				$23,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
2.	ELIMINATE PCB'S Reduce hazardous materials to meet Federal mandates and reduce liability.	$40,000				$40,000
3.	PHYSICAL EDUCATION BUILDING ROOF REPLACEMENT Apply new roof to prevent leakage and avoid water damage to structure and contents. Insulate to conserve energy.				$230,000	$230,000
4.	REMODEL STUDENT UNION BUILDING Renovate and expand Student Union Building to accommodate current student needs.				$502,919	$502,919
5.	HEATING CONTROL MODIFICATIONS, OLD MAIN Provide individual radiator thermostats to increase energy conservation and provide comfort in teaching spaces.	$20,000				$20,000
6.	HANDICAPPED ACCESS, MAIN HALL Install elevator and modify corridors to allow access to upper floors by physically impaired individuals.	$215,000				$215,000
7.	EXTERIOR DOOR AND VESTIBULES Replace deteriorated doors and construct entry vestibules to conserve energy and provide occupant comfort.	$14,000				$14,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
8. ARENA FLOOR RENOVATION, PE CLASSROOM BUILDING Install a new floor over the existing dirt floor to increase usable space and decrease cleaning problems.	$100,770				$100,770
9. SIDEWALK REPLACEMENT, PHASE II Replace several sections of cracked and heaving sidewalks to reduce hazards to pedestrians.	$20,000				$20,000
10. MAIN HALL RENOVATION Renovate mechanical systems and provide general remodeling to update existing facility.	$2,592,000				$2,592,000
11. LAND ACQUISITION Acquire land to provide for future campus expansion.	$110,000				$110,000
12. ROOF MAINTENANCE Repair roofs campuswide to extend the life of the roofs, avoid leakage and costly replacement.	$10,000				$10,000
WESTERN MONTANA COLLEGE SUBTOTAL	$3,144,770	$0	$0	$732,919	$3,877,689

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
GREAT FALLS VOCATIONAL TECHNICAL CENTER					
1. REROOF AND INSULATE BUILDING Apply new roof to prevent leakage and avoid water damage to structure and contents. Insulate to conserve energy.	$391,000				$391,000
2. FINISH AUTO BODY AREA Complete the interior of the trades and industry laboratory to increase course offerings and student capacity.	$517,000				$517,000
3. PAVE PARKING LOTS Pave parking lots to reduce dust, mud and maintenance problems and to maximize lot capacity.	$251,000				$251,000
GREAT FALLS VOCATIONAL TECHNICAL CENTER SUBTOTAL	$1,159,000	$0	$0	$0	$1,159,000
HELENA VOCATIONAL TECHNICAL CENTER					
1. REROOF AND INSULATE DONALDSON BUILDING Apply new roof to prevent leakage and avoid water damage to structure and contents. Insulate to conserve energy.	$221,490				$221,490

BUILDING PROGRAM REQUESTS

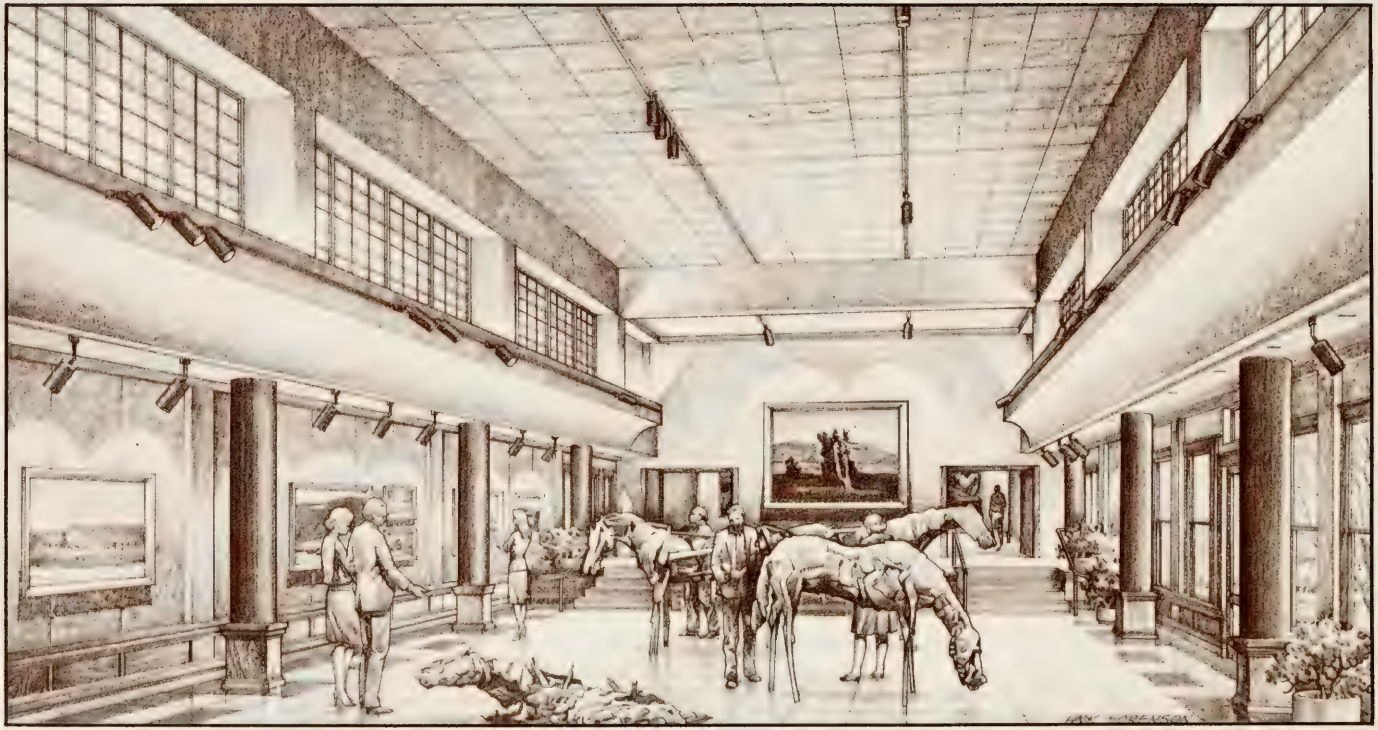
BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
2. DONALDSON BUILDING ADDITION Construct an addition to the Donaldson Building to provide student services and to replace deteriorated trailers.	$1,246,812				$1,246,812
3. PAVE PARKING LOT Pave parking lots to reduce dust, mud and maintenance problems and to maximize lot capacity.	$46,156				$46,156
HELENA VOCATIONAL TECHNICAL CENTER SUBTOTAL	$1,514,458	$0	$0	$0	$1,514,458
MISSOULA VOCATIONAL TECHNICAL CENTER					
1. TRUCK DRIVER TRAINING RANGE Construct paved driving range to provide a location for the training of Commercial Truck Operation students.	$60,000		$60,000		$120,000
2. CARPET REPLACEMENT, ADMINISTRATION BUILDING Replace deteriorated carpet to improve aesthetics and correct the safety hazard.	$80,000				$80,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1990 - 1991 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
3. INSTRUCTIONAL KITCHEN RENOVATION Renovate outdated facility to improve efficiency, safety conditions and instructional effectiveness.	$60,000				$60,000
4. PARKING LOT MAINTENANCE AND PAVING Repair and chipseal paved parking lots and roads to prevent further deterioration. Pave dirt parking lots to reduce maintenance problems.	$157,500				$157,500
MISSOULA VOCATIONAL TECHNICAL CENTER SUBTOTAL	$357,500	$0	$60,000	$0	$417,500
TOTALS - UNIVERSITY SYSTEM	$104,563,728	$0	$60,000	$11,768,419	$116,392,147



The Gallery

LONG RANGE BUILDING PROGRAM REQUESTS 1992-1993

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1992 - 1993 BIENNIUM

Priority	AGENCY/PROJECT	C.P.F.	FUNDING SOURCE State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
HIGHWAYS, DEPARTMENT OF						
1.	Construct Equipment Storage Building		$62,500			$62,500
2.	Construct Hardin Maintenance Section Complex		$100,000			$100,000
3.	Construct Hysham Maintenance Section Complex		$70,000			$70,000
4.	Construct Custer Maintenance Section Complex		$35,000			$35,000
5.	Construct Sun River Sandhouse		$38,800			$38,800
6.	Construct Augusta Sandhouse		$38,800			$38,800
7.	Construct Addition, Ingomar Section		$29,900			$29,900
8.	Construct Addition, Boyes Section		$39,000			$39,000
9.	Construct Addition, Hillside Section		$41,000			$41,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1992 - 1993 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
	10. Construct New 7 Stall Equipment Storage, Miles City		$221,760			$221,760
	DEPARTMENT OF HIGHWAYS SUBTOTAL	$0	$676,760	$0	$0	$676,760
	LABOR AND INDUSTRY, DEPARTMENT OF					
	1. Major Maintenance and Repair, Workers' Compensation			$26,890		$26,890
	DEPARTMENT OF LABOR AND INDUSTRY SUBTOTAL	$0	$0	$26,890	$0	$26,890
	LANDS, DEPARTMENT OF STATE					
	1. Roof Replacements, Helena	$10,500				$10,500
	2. NWLO Maintenance Projects	$21,800				
	3. Construct Nursery Cold Storage Building, Missoula		$20,000			$20,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1992 - 1993 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
4. Construct SWLO Bunkhouse, Anaconda	$50,000				$50,000
5. Construct Fire Training Center, Missoula	$519,500				$519,500
6. SWLO Maintenance Projects	$30,000				$30,000
7. Construct SWLO Garrison Office and Fire Cache	$21,500				$21,500
8. Construct Nursery Fueling Station, Missoula		$18,000			$18,000
9. CLO Maintenance Projects	$76,782				$76,782
DEPARTMENT OF STATE LANDS SUBTOTAL	$730,082	$38,000	$0	$0	$746,282
UNIVERSITY SYSTEM					
EASTERN MONTANA COLLEGE					
1. Remodel 1st & 3rd Floors, Mullen Hall	$1,000,000				$1,000,000
2. Remodel Science Building	$140,000				$140,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1992 - 1993 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
						$2,000,000
	3. Acquire Land	$2,000,000				$175,000
	4. Remodel Toilet Rooms, Cisel Hall	$175,000				
	EASTERN MONTANA COLLEGE SUBTOTAL	$3,315,000	$0	$0	$0	$3,315,000
	MISSOULA VOCATIONAL TECHNICAL CENTER					$60,000
	1. Replace Carpet, Health & Business Building	$60,000				
	MISSOULA VOCATIONAL TECHNICAL CENTER SUBTOTAL	$60,000	$0	$0	$0	$60,000
	MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY					$800,000
	1. Museum Building Renovation	$800,000				$110,000
	2. Campus Storage Building	$110,000				$35,000
	3. Campus Entrance & Visitor Parking	$35,000				

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1992 - 1993 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE				
	C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
4. Petroleum Building Renovation	$800,000				$800,000
5. Library Addition, Planning	$85,000				$85,000
6. Property Acquisition	$225,000				$225,000
7. Road on BA & P Right-of-Way	$240,000				$240,000
8. Planning for new Bureau of Mines Building	$200,000				$200,000
MONTANA TECH SUBTOTAL	$2,495,000	$0	$0	$0	$2,495,000
UNIVERSITY OF MONTANA					
1. Mathematics Building Renovation	$1,410,000				$1,410,000
2. University Hall Renovation	$5,100,000				$5,100,000
3. Planning, Fine Arts Bldg. Rankin Hall	$200,000				$200,000
4. Campuswide Asbestos Abatement - Phase 3	$500,000				$500,000

BUILDING PROGRAM REQUESTS

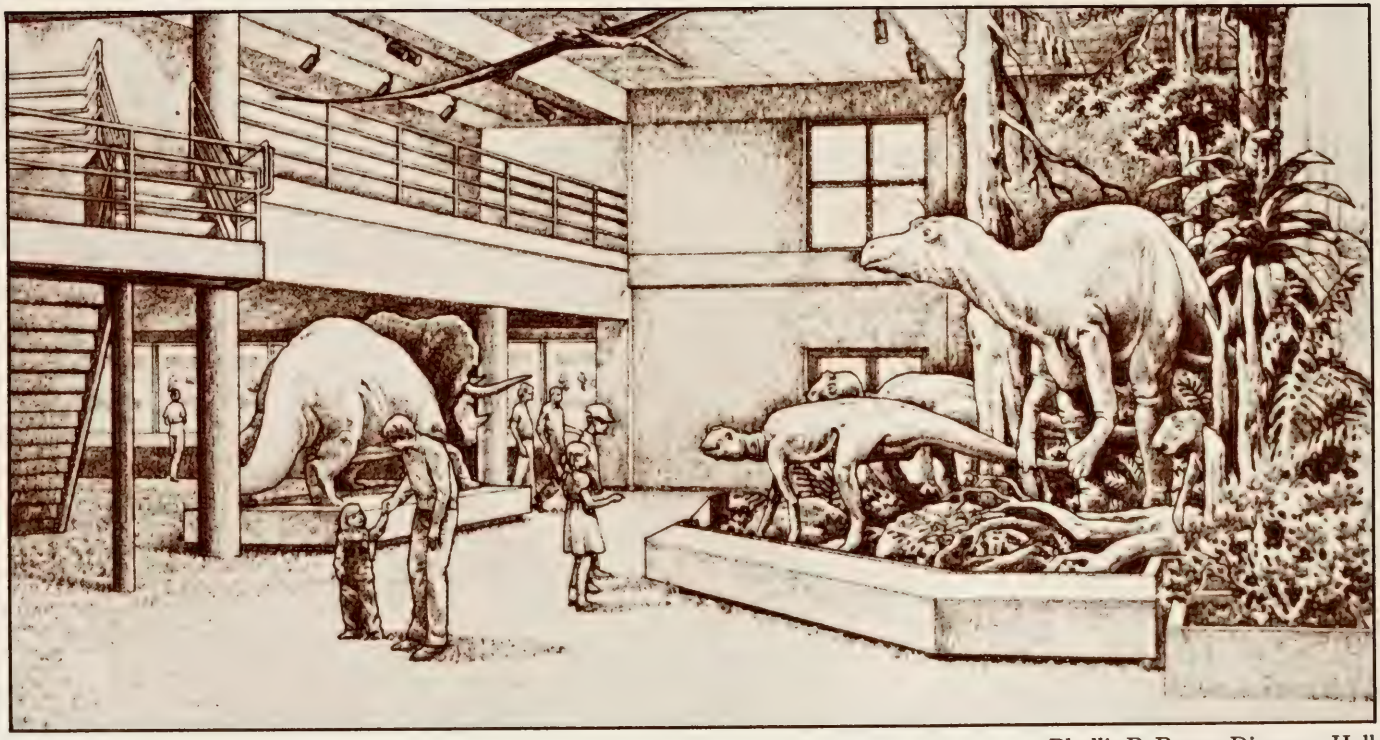
BY AGENCY AND PROJECT
1992 - 1993 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
5. Major Campuswide Maintenance & Renovation Projects	$2,000,000				$2,000,000
6. Law School Basement Renovation	$200,000				$200,000
7. Art Annex Interior	$64,000				$64,000
8. Library Archives Shelving Phase 2	$590,000				$590,000
9. Cloverbowl Renovation - Phase 2	$293,470				$293,470
10. Property Acquisition - Phase 2	$400,000				$400,000
11. Telecommunications Center Office Expansion	$500,000				$500,000
12. Health & Physical Education	$7,768,000				$7,768,000
13. Handicapped Access - Liberal Arts Building	$1,055,600				$1,055,600
UNIVERSITY OF MONTANA SUBTOTAL	$20,081,070	$0	$0	$0	$20,081,070

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1992 - 1993 BIENNIUM

Priority AGENCY/PROJECT	C.P.F.	FUNDING SOURCE State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
WESTERN MONTANA COLLEGE					
1. Resurface Tennis Courts	$26,820				$26,820
2. Resurface Racquetball Courts	$18,320				$18,320
3. Replace Petroleum Products Storage Tanks	$28,000				$28,000
4. Resurface Parking Lots & Roadway	$275,000				$275,000
5. Repair Retaining Wall	$37,850				$37,850
WESTERN MONTANA COLLEGE SUBTOTAL	$385,990	$0	$0	$0	$385,990
MONTANA UNIVERSITY SYSTEM SUBTOTAL	$26,337,060	$0	$0	$0	$26,337,060
TOTAL REQUESTS 1992 - 1993 BIENNIUM	$27,434,857	$714,760	$26,890	$0	$28,154,707



Phyllis B. Berger Dinosaur Hall

LONG RANGE BUILDING PROGRAM REQUESTS 1994-1995

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1994 - 1995 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
DEPARTMENT OF HIGHWAYS						
1.	Construct Custer Maintenance Section Headquarters Complex		$20,000			$20,000
2.	Construct Big Timber Maintenance Section Headquarters Complex		$20,000			$20,000
3.	Construct Fort Benton Sandhouse		$38,800			$38,800
4.	Construct Emerson Junction Sandhouse		$38,800			$38,800
5.	Construct Headquarters Office Addition, Miles City		$42,700			$42,700
DEPARTMENT OF HIGHWAYS SUBTOTAL		$0	$160,300	$0	$0	$160,300

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1994 - 1995 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
LABOR AND INDUSTRY, DEPARTMENT OF					
1. Replace Carpet, Workers' Compensation			$52,000		$52,000
DEPARTMENT OF LABOR AND INDUSTRY SUBTOTAL	$0	$0	$52,000	$0	$52,000
LANDS, DEPARTMENT OF STATE					
1. NWLO Maintenance Projects	$21,200				$21,200
2. Construct Fire Coordination Center Addition, Missoula	$20,000				$20,000
3. Construct NWLO Office/Dispatch Center, Plains	$85,000				$85,000
4. Construct NWLO Storage Building, Kalispell	$16,800				$16,800
5. CLO Maintenance Projects	$14,246				$14,246
6. Construct CLO Bunkhouse, Helena	$59,000				$59,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1994 - 1995 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
7. Construct Nursery Greenhouses, Missoula	$149,000				$149,000
8. Construct Nursery Office Addition, Missoula	$20,000				$20,000
9. Forestry Maintenance Projects, Missoula	$10,000				$10,000
DEPARTMENT OF STATE LANDS SUBTOTAL	$395,246	$0	$0	$0	$395,246

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1994 - 1995 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
	UNIVERSITY SYSTEM					
	EASTERN MONTANA COLLEGE					
	1. Science Building Remodel	$267,000				$267,000
	2. Acquire Land	$1,000,000				$1,000,000
	3. Expansion and Remodel of Physical Education Building	$2,000,000				$2,000,000
	EASTERN MONTANA COLLEGE SUBTOTAL	$3,267,000	$0	$0	$0	$3,267,000
	MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY					
	1. Main Hall Renovation Phase 1	$210,000				$210,000
	2. Library Addition	$2,700,000				$2,700,000
	3. Property Acquisition Within Campus Boundaries	$225,000				$225,000
	4. Parking, 280 Spaces	$280,000				$280,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1994 - 1995 BIENNIUM

Priority	AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
5.	Construct New Bureau of Mines Building	$4,900,000				$4,900,000
	MONTANA TECH SUBTOTAL	$8,315,000	$0	$0	$0	$8,315,000
	UNIVERSITY OF MONTANA					
1.	Old Fine Arts Renovation	$4,500,000				$4,500,000
2.	Rankin Hall Renovation	$1,300,000				$1,300,000
3.	Forestry Renovation/Addition	$3,500,000				$3,500,000
4.	Campuswide Asbestos Abatement - Phase 4	$600,000				$600,000
5.	Major Campuswide Maintenance & Renovation Project	$2,000,000				$2,000,000
6.	Cloverbowl Renovation - Phase 3	$180,979				$180,979
7.	Property Acquisition - Phase 3	$200,000				$200,000
8.	Botany Renovations	$857,000				$857,000

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1994 - 1995 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
9. Basic Physics Laboratory Renovation	$142,200				$142,200
10. Law Library Basement Renovation	$98,000				$98,000
11. Library Carpeting	$540,000				$540,000
12. Parking Lot Rehabilitation	$404,000				$404,000
13. Yellow Bay Fire House	$100,000				$100,000
UNIVERSITY OF MONTANA SUBTOTAL	$14,422,179	$0	$0	$0	$14,422,179
WESTERN MONTANA COLLEGE					
1. Construct Vestibule On PE Classroom Building	$10,700				$10,700
2. Construct Parking Lot	$50,000				$50,000
3. Construct Underground Sprinkler	$26,160				$26,160

BUILDING PROGRAM REQUESTS

BY AGENCY AND PROJECT
1994 - 1995 BIENNIUM

Priority AGENCY/PROJECT	FUNDING SOURCE				
	C.P.F.	State Special Revenue Funds	Federal Special Revenue Funds	Other Funds	TOTAL
4. Recarpeting	$31,000				$31,000
WESTERN MONTANA COLLEGE SUBTOTAL	$117,860	$0	$0	$0	$117,860
MONTANA UNIVERSITY SYSTEM SUBTOTAL	$26,122,039	$0	$0	$0	$26,122,039
TOTAL REQUESTS 1994 - 1995 BIENNIUM	$26,517,285	$160,300	$52,000	$0	$26,729,585

Tinsley Home

CAMPUS SITE PLANS

CAMPUS SITE PLANS

INDEX

DEPARTMENTS & AGENCIES

Capitol Complex

DEPARTMENT OF EDUCATION

School for the Deaf & Blind

DEPARTMENT OF INSTITUTIONS

Center for the Aged
Eastmont Human Services Center
Montana Developmental Center
Montana State Hospital-Galen Campus
Montana State Hospital-Warm Springs Campus
Montana State Prison
Montana Veterans' Home
Mountain View School
Pine Hills School
Swan River Forest Camp

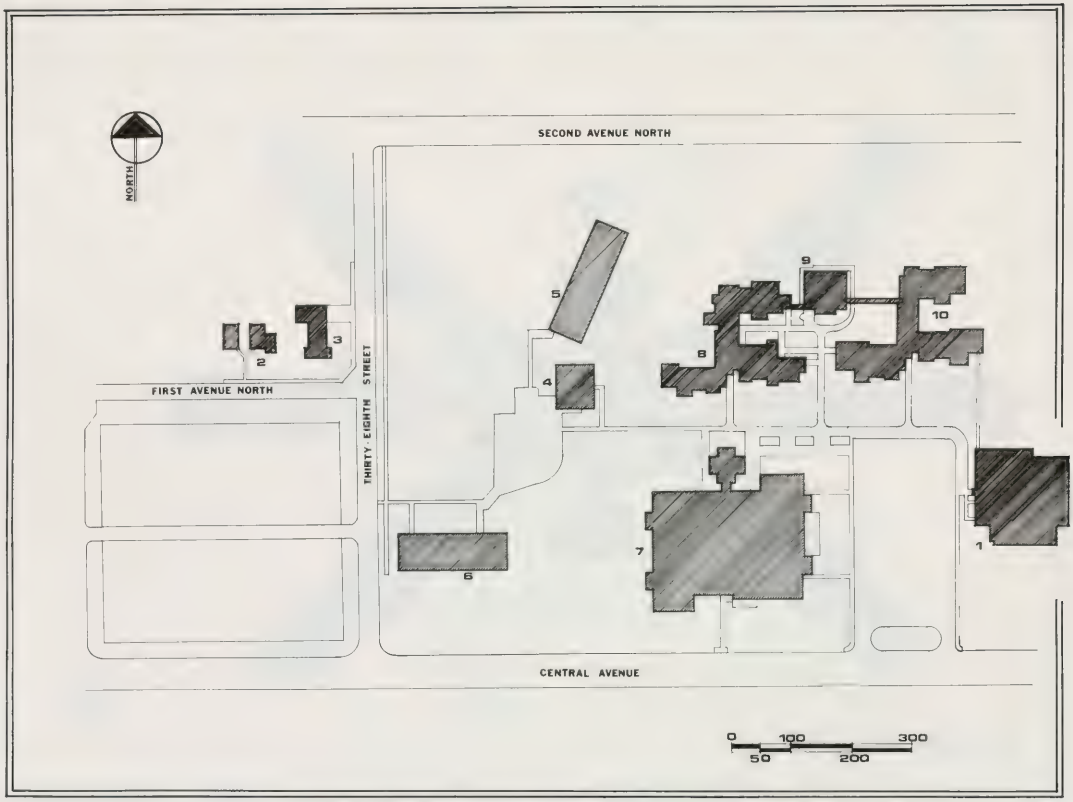
MONTANA UNIVERSITY SYSTEM

Eastern Montana College
Montana College of Mineral Science & Technology
Montana State University
Northern Montana College
University of Montana
Western Montana College

LEGEND

MONTANA STATE CAPITOL COMPLEX

1. Executive Residence
2. Cogswell Building
3. Labor & Industry Building
4. Old Board of Health Building
5. S.R.S. Building
6. Mitchell Building
7. Old Livestock Building
8. Capitol Annex
9. Boiler Plant
10. State Capitol
11. Montana Historical Society/Museum
12. Justice Building & Montana State Library
13. Department of Natural Resources & Conservation Building
14. Institutions Building
15. Teachers Retirement Building
16. Department of Fish, Wildlife & Parks Building
17. 1410/1412 8th Avenue
18. Commerce Building
19. State Motor Pool
20. Scott Hart Building
21. 1236 6th Avenue
22. 1218 6th Avenue
23. 326 Washington Drive
24. 1225 8th Avenue
25. 1219 8th Avenue
26. 1215 8th Avenue
27. 1209 8th Avenue
28. 1205 8th Avenue
29. 1300 11th Avenue (O.P.I.)
30. 1400 8th Avenue
31. 1404 8th Avenue



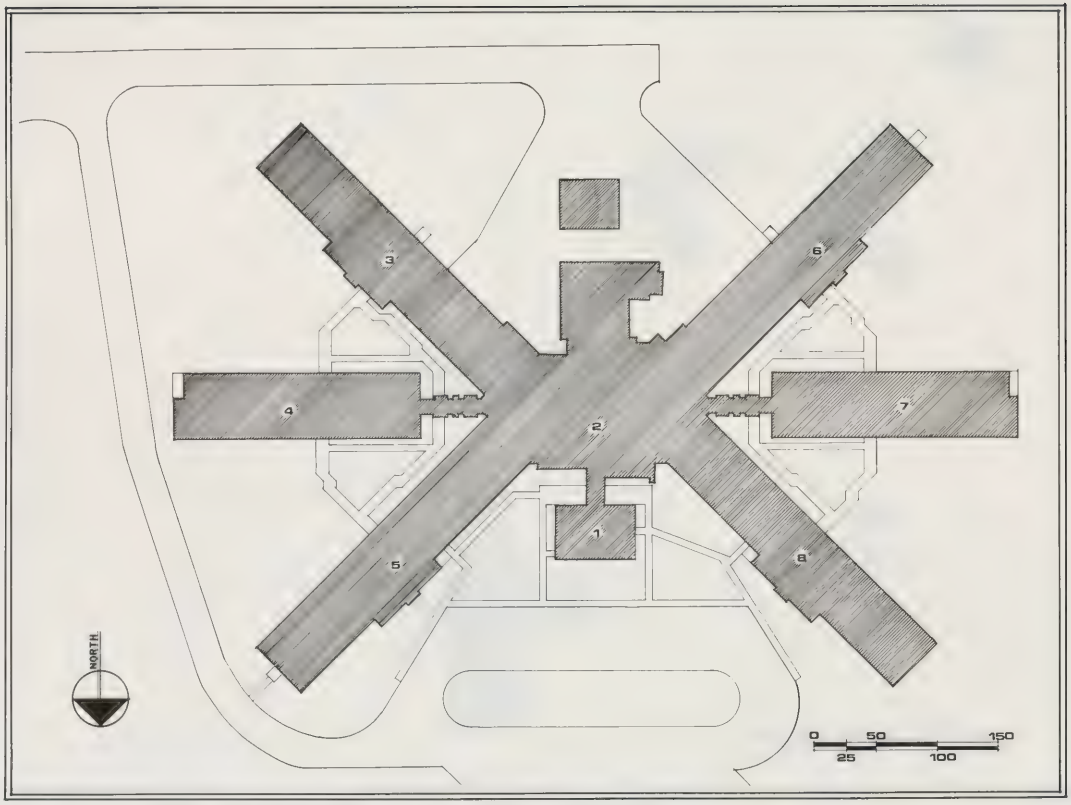
LEGEND

SCHOOL FOR THE DEAF & BLIND

1. P.E. Complex
2. Residence
3. Superintendent's Residence
4. Boiler House
5. Classroom Building
6. Vocational Shop
7. Administration/School Building
8. Dormitory
9. Food Service
10. Dormitory

SCHOOL FOR THE DEAF AND BLIND

GREAT FALLS MONTANA



LEGEND

CENTER FOR THE AGED

1. Wing H
2. Wing C
3. Wing E
4. Wing F
5. Wing D
6. Wing B
7. Wing G
8. Wing A

CENTER FOR THE AGED

LEWISTOWN MONTANA

LEGEND

EASTMONT HUMAN SERVICES CENTER

1. Administration/Cottage I
2. Cottage II
3. Shop
4. Multi-Purpose Building
5. Cottage III
6. Storage Shed

EASTMONT HUMAN SERVICES CENTER

GLENDIVE MONTANA

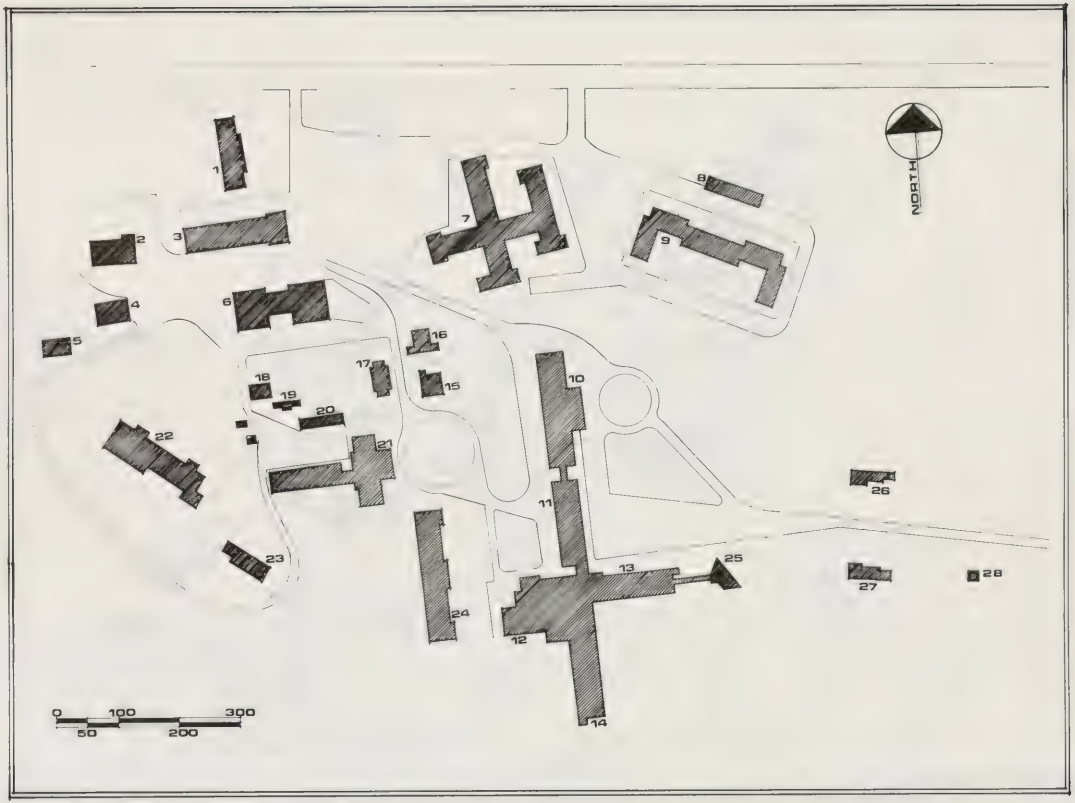
LEGEND

MONTANA
DEVELOPMENTAL CENTER

1. Power House (44)
2. Old Laundry - Storage (23)
3. Laundry (24)
4. Cottage Storage (69)
5. Storage (5)
6. Life Skills & Education Center
7. Life Skills & Education Center
8. Treatment Services (8)
9. Kitchen/Dining Facility (9 & 25)
10. Resident Cottage (10)
11. Resident Cottage (11)
12. Resident Cottage (12)
13. Resident Cottage (13)
14. Resident Cottage (14)
15. Resident Cottage (15)
16. Pumphouse . 3 (47)
17. Pumphouse . 1 (42)
18. Pumphouse . 2 (43)
19. Intensive Training Unit (55)
20. Administration Building/Gym (102)
21. Intensive Training Unit (50)
22. Old Administration Building (100)
23. Receiving Warehouse (20)
24. Warehouse Storage (20A)
25. Warehouse Storage (20B)
26. Carpenter Shop/Glass Room (21)
27. Butcher Shop (22)
28. General Storage (56 & 33)
29. Shop (30)
30. Grease Quonset (31)
31. Wash Room Quonset (32)
32. Garages (34)
33. Barrel Room (36)
34. Cat Shed (37)
35. Lawn Equipment Storage (38)
36. Storage (39)
37. Storage (40)
38. Plumber Equipment Quonset (41)
39. Building 104

MONTANA DEVELOPMENTAL CENTER

BOULDER MONTANA



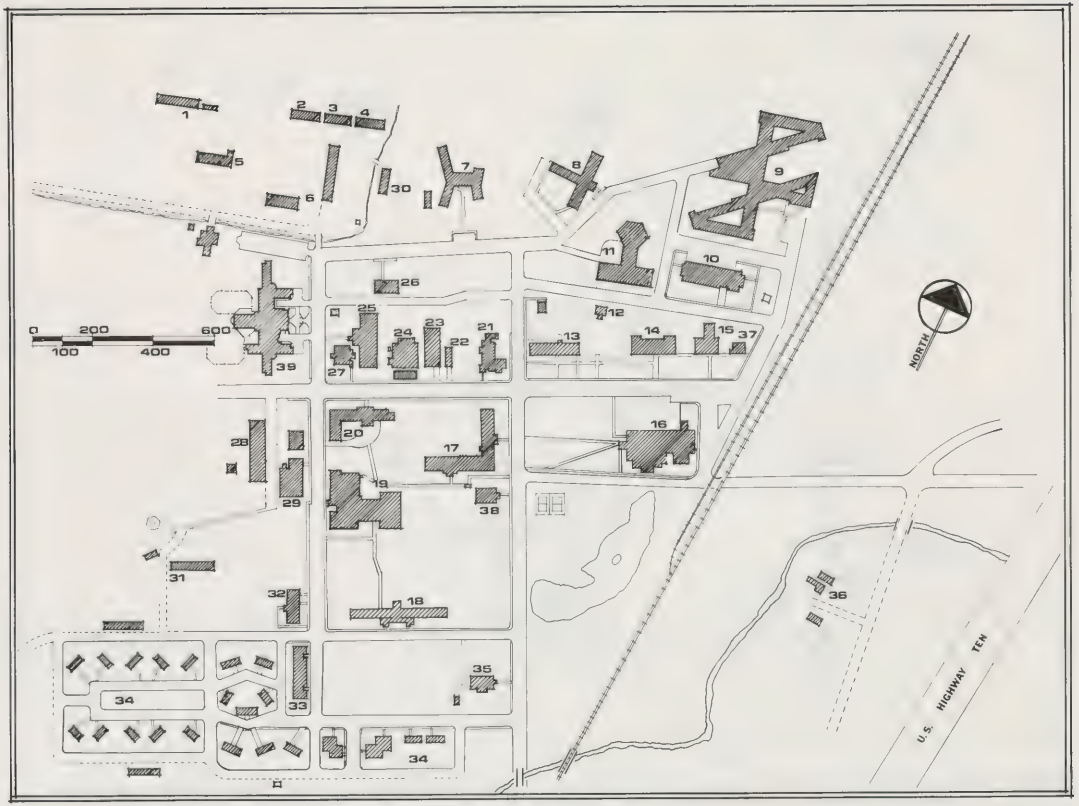
LEGEND

MONTANA STATE HOSPITAL
GALEN CAMPUS

1. Tripler
2. Warehouse
3. Main Garage
4. Paint Shop
5. Root Cellar
6. Maintenance Shops
7. Alcohol Treatment & Rehabilitation Center
8. Employee Garage
9. Employee's Apartments
10. Receiving Hospital
11. Annex
12. Cafeteria
13. Terrill Wing
14. Crockett Wing
15. Superintendent's Residence
16. Cottage 3
17. Cottage 4
18. Cottage 5
19. Greenhouse
20. Garages
21. Gym Employee Apartments
22. Old Lighthouse
23. Lighthouse
24. Byrum Hall
25. Chapel
26. Cottage 2
27. Cottage 1
28. Pump House

MONTANA STATE HOSPITAL

GALEN MONTANA



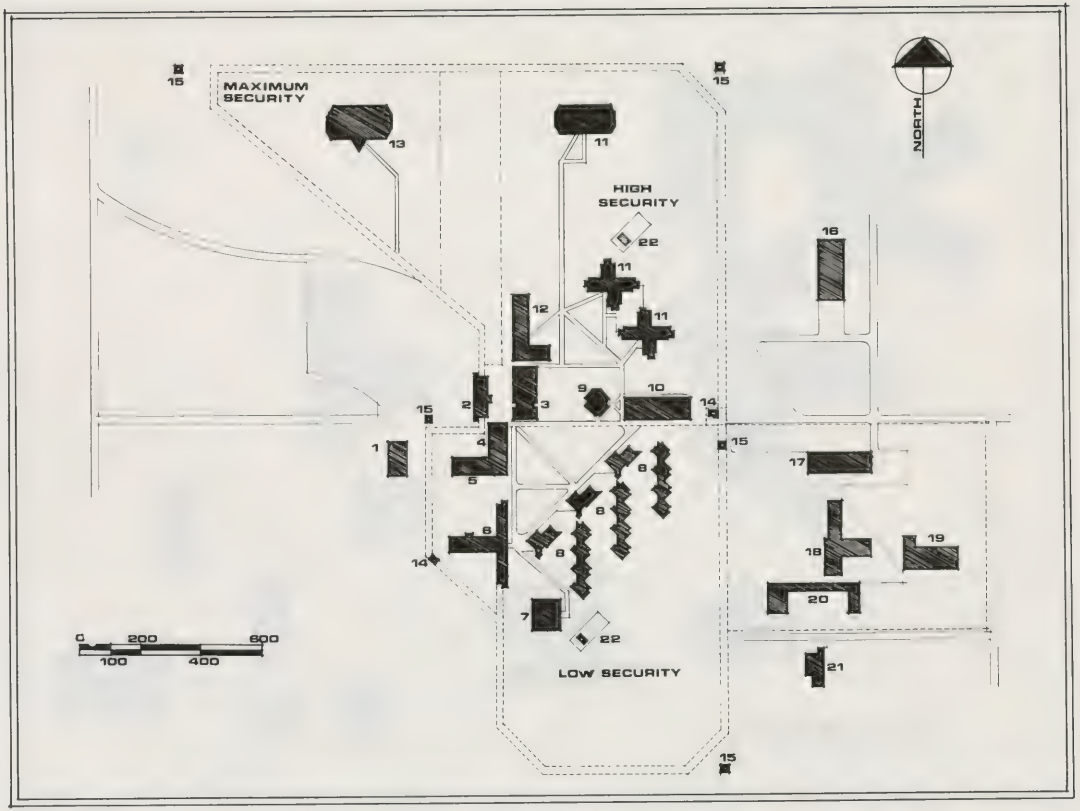
LEGEND

MONTANA STATE HOSPITAL
WARM SPRINGS CAMPUS

1. Warehouse (414)
2. Plumbing Shop (405)
3. Maintenance Office/Shops (404)
4. Paint Shop (403)
5. Lumber Storage (406)
6. Storage (401)
7. Vacant (218)
8. Pintlar Lodge (546)
9. Receiving Hospital (201)
10. Intake Unit (217)
11. Spratt Building (219)
12. Telephone Switch Room (103)
13. Old General Hospital/Storage (205)
14. Administrative Annex (113)
15. Administration (101)
16. Multi-Purpose Building (102)
17. Bolton (210)
18. Children's Unit (211)
19. Kitchen & Food Service (301)
20. Warren (207)
21. Residence (501)
22. Fire Station (104)
23. Main Garage (105)
24. Trade School and Mechanical Repair (106)
25. Laundry (108)
26. Boiler Plant (107)
27. Linen Supply (109)
28. Receiving Warehouse (305)
29. Commissary (304)
30. Carpentry Shop (402)
31. Greenhouse (407)
32. Unit .85 - .86 (216)
33. Women's Correctional Facility (110)
34. Staff Housing (534)
35. Residence (505)
36. Residence (510)
37. Post Office (100)
38. Scanland Apartments (502)
39. Forensic Treatment Facility (206)

MONTANA STATE HOSPITAL

WARM SPRINGS MONTANA



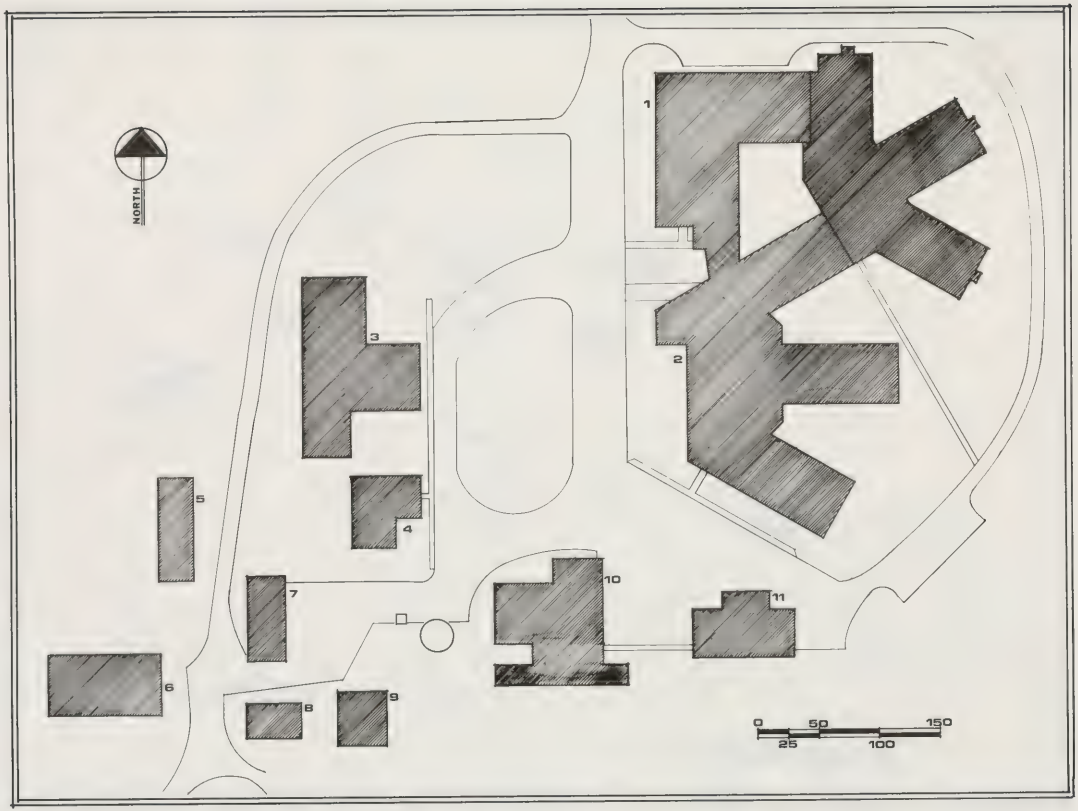
LEGEND

MONTANA STATE PRISON

1. Infirmary (Proposed Business Office)
2. Administration Building
3. Gym
4. Receiving Maximum Security
5. Medical Addition
6. Low Security Support Building
7. Low Security Gym
8. Low Security Housing
9. Chapel
10. Kitchen/Dining Facility
11. High Security Housing
12. High Security Support Building
13. Maximum Security Housing
14. Guard Station
15. Guard Tower
16. Warehouse
17. Vocation/Industry Building
18. Industries Manufacturing
19. Tag Plant
20. Maintenance Shops
21. Farm Machinery Repair Facility
22. Yard Storage

MONTANA STATE PRISON

DEER LODGE MONTANA



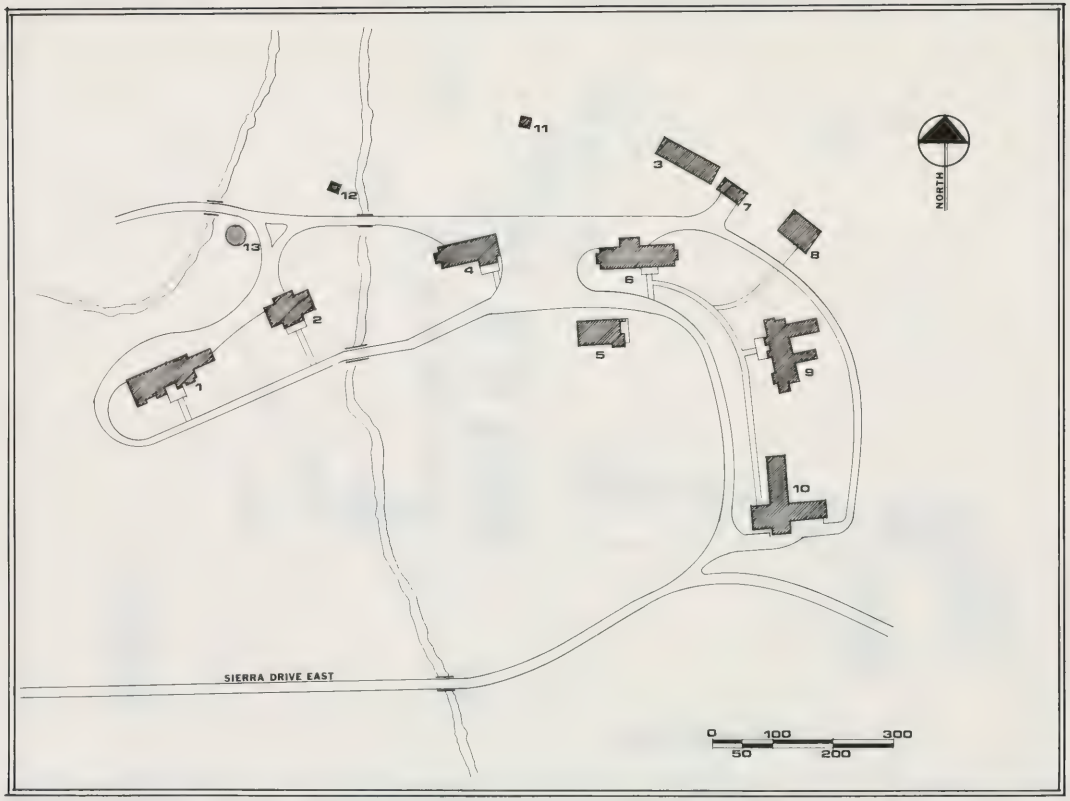
LEGEND

MONTANA VETERANS HOME

1. Nursing Home Addition
2. Domiciliary/Office Building
3. Old Domiciliary
4. Residence
5. Shop
6. Plumbing Shop
7. Utility Shop
8. Carpentry Shop
9. Boiler House
10. Old Main
11. Chapel

MONTANA VETERANS HOME

COLUMBIA FALLS MONTANA



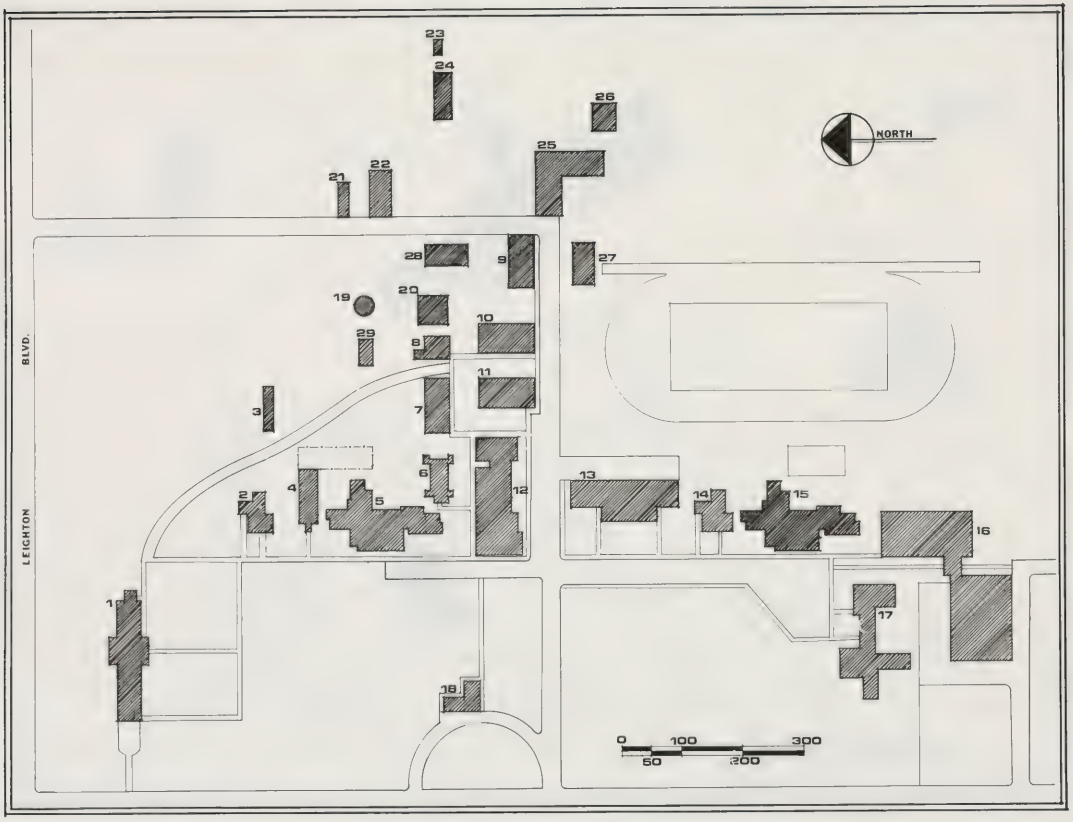
LEGEND

MOUNTAIN VIEW SCHOOL

1. Spruce
2. Aspen
3. Shop
4. Gymnasium
5. Kitchen-Dining
6. School
7. Garage
8. Clinic
9. Maple
10. Cottonwood/Administration
11. Sewage Lift Station
12. Pump House
13. Water Tower

MOUNTAIN VIEW SCHOOL

HELENA MONTANA



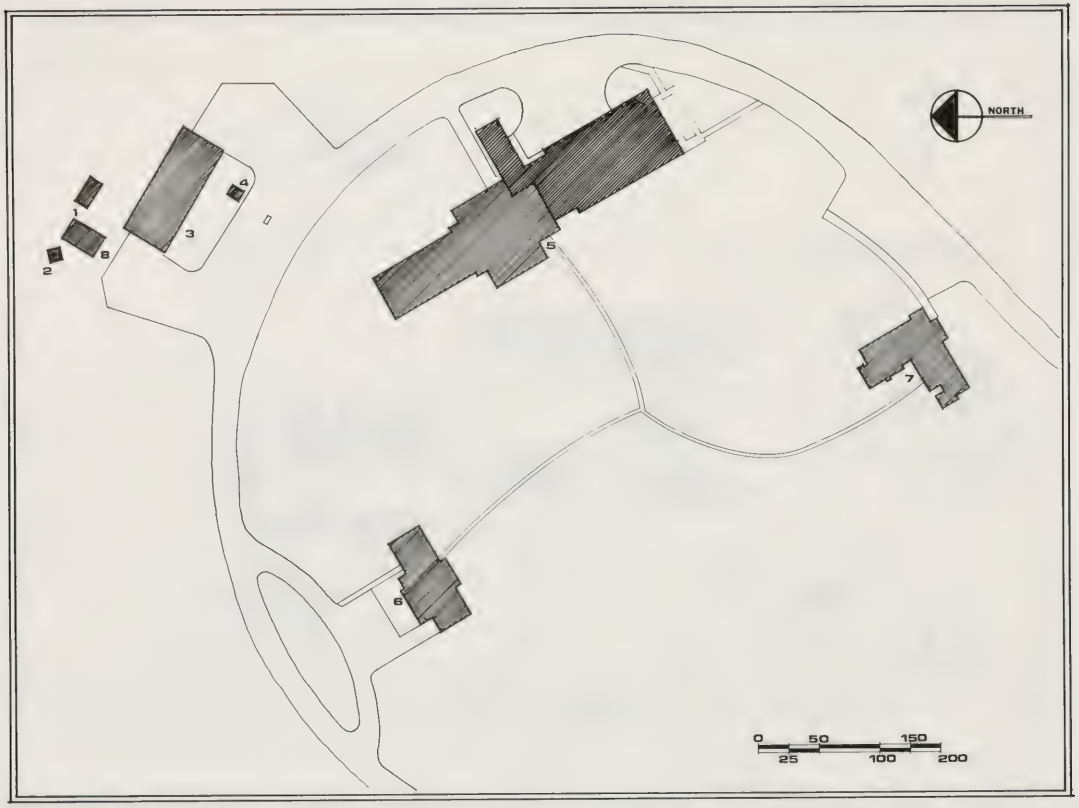
LEGEND

PINE HILLS SCHOOL

1. Custer Lodge
2. Crazy Horse Lodge
3. Lumber Storage
4. Lewis & Clark Lodge
5. Sundance Lodge
6. Chapel
7. Main Canteen
8. Boiler House
9. Farm Shop
10. E and P Shop
11. Store
12. Administration
13. Vocational Education
14. Joseph Lodge
15. Range Rider Lodge
16. School/Gym
17. Russell Lodge
18. Staff Residence
19. Water Tower
20. Slaughter House & Grainary
21. Greenhouse
22. Chicken House
23. Bull Barn
24. Loafing Shed
25. Dairy Barn
26. Old Root Cellar - Abandoned
27. Parking Shed
28. Root Cellar
29. Old Electric-Plumbing Shop

PINE HILLS SCHOOL

MILES CITY MONTANA



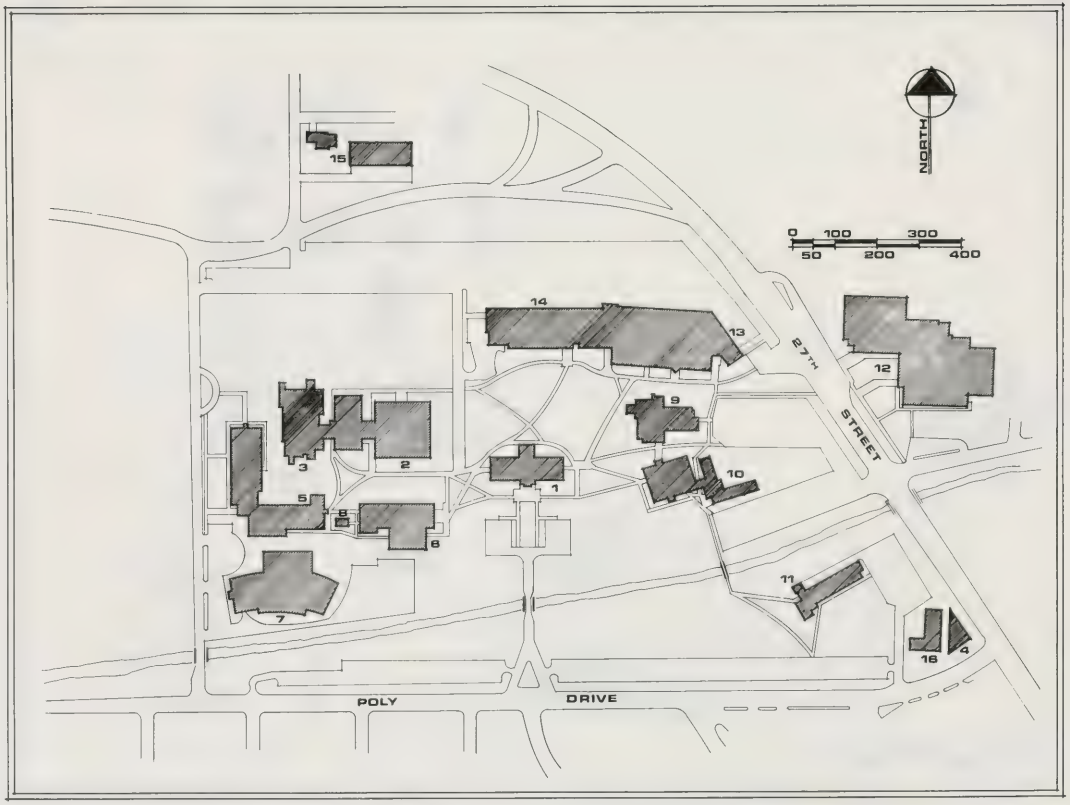
LEGEND

SWAN RIVER FOREST CAMP

1. Emergency Generator
2. Well House
3. Mechanical Shop
4. Gas House (Pump)
5. Lodge/Gym
6. Food Service
7. Administration Building
8. Storage Building

SWAN RIVER FOREST CAMP

SWAN LAKE MONTANA



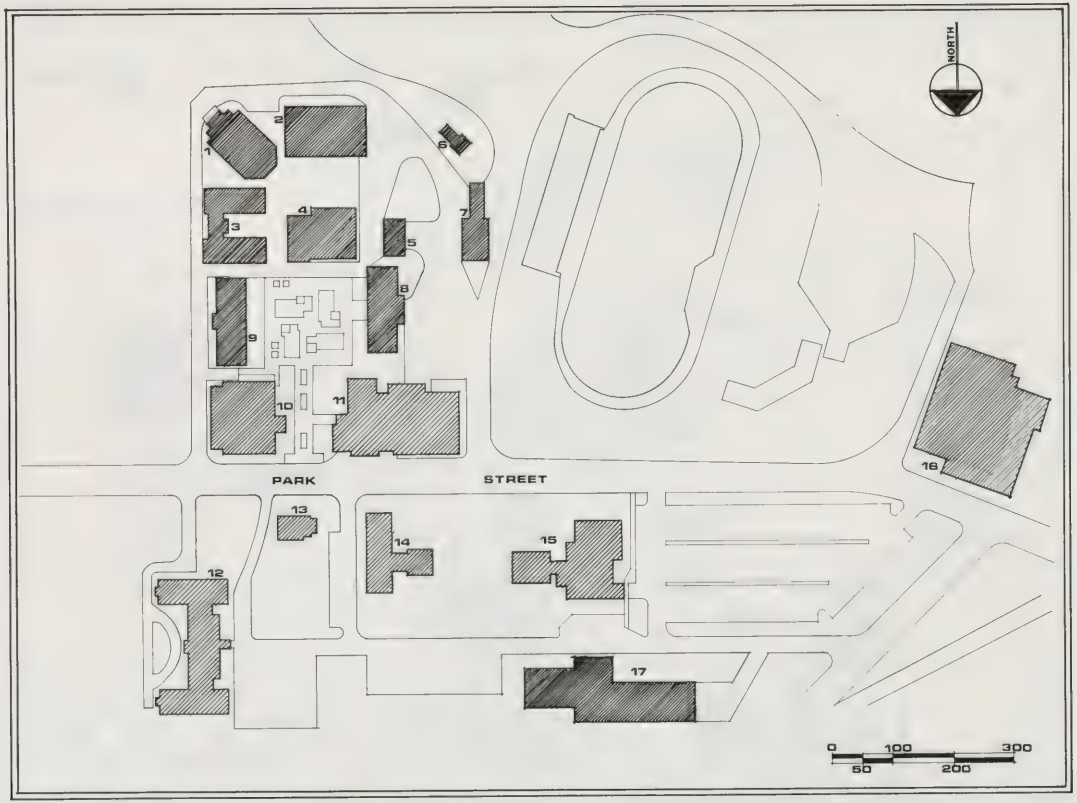
LEGEND

EASTERN MONTANA COLLEGE

1. McMullen Hall
2. Library
3. Liberal Arts Building
4. Poly Building
5. Education Building
6. Science Building
7. Special Education Building
8. Greenhouse
9. Computer Annex
10. Cisel Hall
11. Apsaruke Hall
12. P.E. Building
13. Student Union Building/ Rimrock Hall
14. Petro Hall
15. Physical Plant
16. Art Annex

EASTERN MONTANA COLLEGE

BILLINGS MONTANA



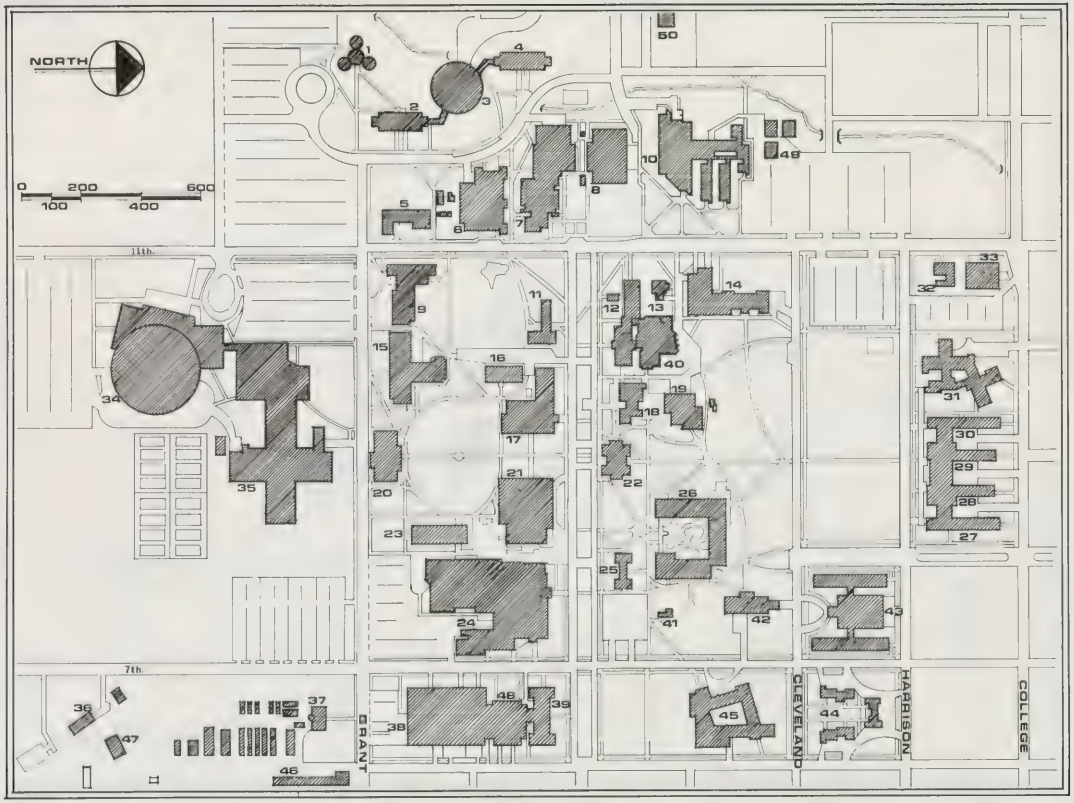
LEGEND

MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY

1. Museum
2. Metallurgy
3. Main Hall
4. Mill Building
5. Shop
6. Greenhouse
7. Boiler Plant
8. Petroleum
9. Engineering
10. Science/Engineering Building
11. Student Union Building
12. Prospector Hall (Dorm)
13. President's House
14. Mining/Geology Building
15. Library/Auditorium
16. H.P.E.R.
17. Engineering Laboratory Classroom Building

MONTANA COLLEGE OF MINERAL SCIENCE & TECHNOLOGY

BUTTE MONTANA



LEGEND

MONTANA STATE UNIVERSITY

1. Roskie Hall
2. Hedges South
3. Hedges Food Center
4. Hedges North
5. McCall Hall
6. Howard Hall
7. Cheever Hall
8. Haynes Hall
9. Visual Communications
10. Plant Growth Center
11. Sherrick Hall
12. Cooley Lab/Lewis Hall
13. Extension Building
14. Linfield Hall
15. Gaines Hall
16. Traphagen Hall
17. Reid Hall
18. Johnson Lecture Hall
19. Johnson Hall
20. Romney Gym
21. Renne Library
22. Montana Hall
23. AJM Johnson Hall
24. Strand Student Union
25. Hamilton Hall
26. Wilson Hall
27. Johnstone Center
28. Johnstone Center
29. Mullan
30. Culbertson Hall
31. Langford Hall
32. Wool Lab
33. Military Quonsets
34. Breeden Fieldhouse
35. Marga Hosaeus H & P.E. Center
36. Forestry Science Lab
37. Heating Plant
38. Ryon Lab
39. Roberts Hall
40. Central Lab Animal Facility
41. Danforth Chapel
42. Herrick Hall
43. Hapner Hall
44. Quadrangle
45. Hannon Hall
46. Service Shop & Physical Plant
47. Auto Repair Shop
48. Cobleigh Hall
49. USDA
50. Day Care Center

MONTANA STATE UNIVERSITY

BOZEMAN MONTANA

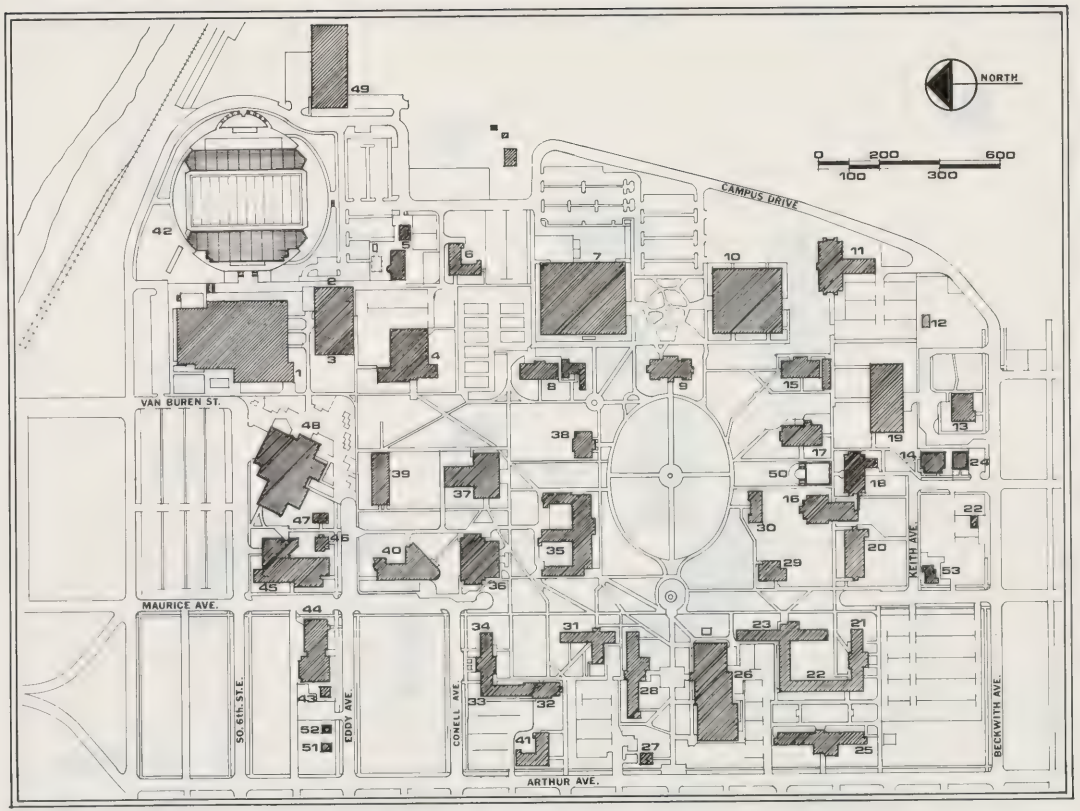
LEGEND

NORTHERN MONTANA COLLEGE

1. Garage
2. Physical Plant
3. Athletic Field
4. Hagener Science Center
5. Cowan Hall
6. Library
7. Gymnasium
8. Donaldson Hall
9. Student Union/Food Center
10. Pershing Hall
11. Brockman Center
12. Electronics Center
13. Auto Mechanics/Davey Lab
14. Auto Diagnostics Lab
15. Metals Technology
16. MacKenzie Hall
17. Morgan Hall
18. Residences
19. Married Student Housing
20. Farm Mechanics Buildings

NORTHERN MONTANA COLLEGE

HAVRE MONTANA



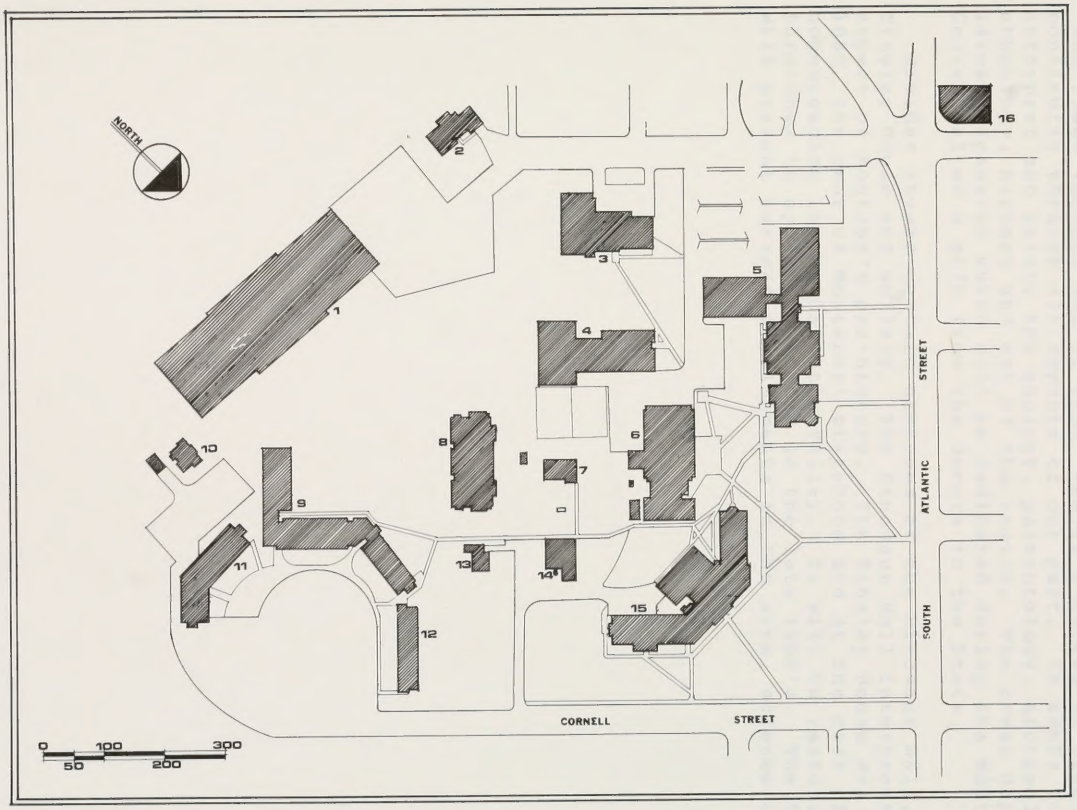
UNIVERSITY OF MONTANA

MISSOULA MONTANA

LEGEND

UNIVERSITY OF MONTANA

1. Field House
2. Grizzly Pool
3. Art Annex
4. McGill Hall
5. Heating Plant
6. Aber Hall
7. University Center
8. Botany
9. University Hall
10. Library
11. Schreiber Gymnasium
12. Forestry Bio-Lab
13. Forest Service Lab
14. Clinical Psychology Center
15. Forestry
16. Pharmacy/Psychology
17. Journalism
18. Chemistry-Pharmacy
19. Science Complex
20. Health Science
21. Elrod Hall
22. Duniway Hall
23. Craig Hall
24. Forest Service Lab/Admin. Bldg.
25. Miller Hall
26. Lodge
27. 600 University Avenue
28. Knowles Hall
29. Alumni Center
30. Mathematics
31. Turner Hall
32. Corbin Hall
33. North Corbin Hall
34. Brantly Hall
35. Liberal Arts
36. Fine Arts
37. Social Sciences
38. Rankin Hall
39. Business Administration
40. Music
41. Jesse Hall
42. Stadium
43. 626 Eddy Avenue
44. Student Health Service
45. Law
46. 724 Eddy Avenue
47. 730 Eddy Avenue
48. Performing Arts/Radio - T.V.
49. Building No. 32
50. Lecture Hall
51. 612 Eddy Avenue
52. 616 Eddy Avenue
53. 1414 Maurice



LEGEND

WESTERN MONTANA COLLEGE

1. Physical Education Building
2. Residence
3. Student Union
4. Library/Administration
5. Main Hall
6. Art & Crafts/Swimming Pool
7. Residence
8. Faculty Office Building
9. Dormitory
10. Residence
11. Clark Hall (Dorm)
12. Student Apartments
13. Residence
14. Boiler Plant
15. Mathews Hall (Dorm)
16. Industrial Arts/Vehicle Maintenance

WESTERN MONTANA COLLEGE

DILLON MONTANA

It is appropriate that after 100 years of statehood the Capital Construction Program 1990 - 1991 features the Museum of the Rockies. The Museum of the Rockies is a regional museum dedicated to the interpretation of the physical and cultural heritage of the Northern Rocky Mountain Region. The concept of "One Place Through All of Time" weaves a thread of historical continuity through all aspects of our past. It seeks to interpret and relate the geology, paleontology, archaeology, ethnology, history and art of the region. The cover depicts the latest expansion which will be dedicated during the Montana Centennial as a gift from the donors to the State.

Divider sheets contain sketches of the Dinosaur Hall, Tinsley House and Gallery. The Dinosaur Hall interprets one aspect of Montana's pre-history. The Tinsley House was built in 1889, the year of Montanas' statehood and at the peak of homesteading in the Gallatin Valley. It will be restored and furnished to appear as it did in the late 1900's. The Gallery will present current developments in the arts, science and research.

260 copies of this public document were published at an estimated cost of $11.54 per copy, for a total cost of $3,000.00, which includes $3,000.00 for printing and $.00 for distribution.